

# Fall Raptor Migration Survey Report

## Agricola Wind Project

Towns of Venice, Scipio, and Moravia, Cayuga County, New York

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#### **ACRONYMS AND ABBREVIATIONS**

EDR	Environmental Design & Research, D.P.C.
NYSDEC	New York State Department of Environmental Conservation
ORES	Office of Renewable Energy Siting
SGCN	species of greatest conservation need
SSC	species of special concern

## 1.0 INTRODUCTION

### 1.1 Purpose of the Investigation

On behalf of Liberty Renewables Inc. (the Applicant), Environmental Design & Research, D.P.C. (EDR) has prepared this Fall Raptor Migration Survey Report for the Agricola Wind Project (formerly the Venice Wind Project), a proposed wind energy generation facility and associated infrastructure (herein, the Facility) located in Cayuga County, New York. This report will be incorporated into an Application for a siting permit that is being prepared in accordance with New York's Accelerated Renewable Energy Growth and Community Benefit Act, Executive Law §94-c (Section 94-c) regulations.<sup>1</sup> The information included in this report is intended to inform the Applicant in the development of the Facility and assist the New York State Office of Renewable Energy Siting (ORES) and the New York State Department of Environmental Conservation (NYSDEC) in their review of the Facility's potential impacts on state-listed endangered and threatened bird species in accordance with the requirements of the Section 94-c and 6 NYCRR Part 182 (Part 182) regulations.

The purpose of the fall raptor migration surveys was to identify and document raptors that move through the vicinity including and surrounding the Facility Area during the fall migration season (defined by the NYSDEC as August 15 to December 15). All raptors (including eagles, falcons, harriers, hawks, ospreys, owls, and vultures) were targeted for the study, along with large flocks of non-raptor birds (e.g., waterfowl, corvids, icterids) and any special status species (i.e., endangered or threatened species, species of special concern [SSC], and species of greatest conservation need [SGCN] [NYSDEC, 2015a; NYSDEC, 2015b]). The fall raptor surveys were conducted by qualified biologists following the methodology established in the 2016 NYSDEC *Guidelines for Conducting Bird and Bat Studies at Commercial Wind Energy Projects* (NYSDEC Survey Protocol). The scope of these surveys was defined in a Fall Raptor Migration Survey Work Plan that was submitted for ORES staff review in August 2021 (see **Appendix A**).

### 1.2 Facility Location and Description

The Applicant is proposing to construct a wind-powered electric generating facility of up to 100 megawatts and associated infrastructure in the Towns of Venice, Scipio, and Moravia in Cayuga County, New York. The proposed regional Facility location and the Facility Area are depicted on **Figures 1** and **2**, respectively. The Facility Area totals approximately 8,400 acres and is composed primarily of open agricultural fields, along with deciduous forestland, successional communities, and disturbed/developed areas (e.g., roadways, residences, commercial buildings). Within the Facility Area, a more limited subset of land will be selected for the siting, design, construction, and operation of the Facility. Much of the Facility will be constructed in areas where disturbance has already occurred (e.g., agricultural fields that are used for crop cultivation) in order to minimize the need for vegetation removal within forestland and wetland areas.

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





### 3.0 FALL RAPTOR MIGRATION SURVEYS

As noted in Section 1.1, fall raptor migration surveys for the Facility were conducted based on the NYSDEC Survey Protocol. The surveys were intended to document the species, number, and flight height/direction of migrating raptors in order to allow for potential impact evaluation and inform the Facility development and permitting process.

#### 3.1 Survey Period and Frequency

The survey period corresponded with the typical migratory period for most New York avian species that may pass by or transect the Facility Area during the fall migration season. As noted in Section 1.1, NYSDEC defines the fall migration season as beginning on August 15 and continuing through December 15. Therefore, surveys were conducted from August 17 to December 14, 2021, for a total of 36 surveys (representing more than 290 survey-hours).

Surveys were conducted at each survey location once per week, starting at 0800 (24-hour) and lasting until at least 2 hours prior to sunset, which ranged from approximately 1800 to approximately 1430 as the season progressed. To the greatest extent practicable, surveys were not conducted on days when weather conditions would limit visibility (e.g., heavy rain, fog, snow or excessive cloud cover). Weather forecasts were reviewed regularly to select the most appropriate survey days.

#### 3.2 Survey Locations

The primary method for surveying migrating raptors consisted of daytime surveys conducted from two survey locations. Spring raptor migration surveys were previously completed for the Facility in 2021. As part of designing that study, EDR conducted a desktop review of the Facility Area using a Geographic Information System (GIS) to evaluate topography, vegetative communities, land cover, and access constraints. The results of this analysis were used to identify two optimal survey locations for spring raptor migration surveys. Current National Agriculture Imagery Program and New York Statewide Digital Orthoimagery Program (NYSDOP) aerial imagery were reviewed as part of this effort, along with topographic contours generated from New York State GIS Program Office lidar data. These two survey locations were also field-verified during the spring surveys, and the same survey locations were used during the fall surveys. The first survey location was positioned along the edge of an open agricultural field south of Sherwood Road in the northern portion of the Facility Area (see **Figure 3**). The second survey location was positioned along the edge of an open agricultural field north of Schoolhouse Road in the east-central portion of the Facility Area (see **Figure 3**). These locations provided open views of the sky and the Facility Area in multiple directions.

### 3.3 Survey Methodology

During surveys, biologists stood and/or sat at the stationary survey location and conducted systematic visual scans of the sky in all directions in order to detect raptors and other birds passing through the vicinity and/or utilizing habitat within the Facility Area. Binoculars of 8x or 10x magnification were used as the primary visual aid for avian identification and counts. Biologists recorded detailed information for all raptors observed, as well as large flocks of non-raptor birds (i.e., more than 50 individuals). In addition, any special status (i.e., endangered, threatened, SSC, SGCN) species observations were documented, regardless of number.

Survey data were recorded in a standardized and organized fashion using data sheets and a mobile GIS application that allowed for digitization of flight path lines and perch locations. Data recorded for each fall raptor migration survey included the following:

- Observer initials
- Date
- Start and end time
- Hourly weather conditions (temperature, cloud cover, prevailing wind direction, wind speed, precipitation type [if any], and visibility)
- The number of individuals and identification of each species observed
- The start and end time of each observation
- Sex and age of individuals (when possible)
- Minimum and maximum flight height
- Average flight height and direction
- Behavior(s) (e.g., flying over, perched, foraging)
- Descriptions and additional notes.

Non-raptor bird species flocks composed of more than 50 individuals, waterfowl other than geese, and all non-raptor special status species were also noted and mapped in a similar manner to raptor observations. All other non-raptor bird species that did not meet those criteria were noted as incidental species simply for their presence (the number of individuals was not recorded). Locations of all raptor species were indicated on an aerial-based map of the survey area. All observations of special status species (including detailed behavioral descriptions) were recorded.

#### 3.3.1 Data Analysis

Several metrics were calculated for each raptor species observed during the fall migration surveys. First, the total number of observations was identified for each species including observations of raptors in flight or perched at any distance relative to the survey location. 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 then calculated for each species by dividing the number of survey days during which observations were recorded by the total number of survey days. Mean and median flight

heights for each species were calculated using the average flight height for each individual of that species recorded in the field. The percentage of individuals in flight was calculated based on the total number of individuals perched and the total number of individuals in flight observed for each species. The dominant flight direction was determined by reviewing flight paths and recorded flight pattern data; in some cases, there was no obvious dominant flight direction. Temporal use was tabulated for raptor types based on the time of observation for every individual.

### 3.4 Survey Results

A total of 36 surveys was conducted between August 17 and December 14, 2021, resulting in more than 295 observer-hours (17,743 observer-minutes). A summary of completed survey information is provided in **Table 1**. Overall, a total of 416 raptors was recorded throughout the season. Ten different raptor species were detected, **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED]

>**END CONFIDENTIAL INFORMATION** Several additional observations were made of unidentified hawks (*Buteo* sp.) and unknown raptors. Turkey vultures and red-tailed hawks were the most commonly observed species, with the latter noted most frequently. A summary of raptor observations is provided in **Table 2**, and raptor observations are presented in **Figure 4**. All raptor observations are listed in **Appendix C**, and survey data sheets are provided in **Appendix D**.

The observed flight paths for the broad-winged hawk, red-tailed hawk, merlin, and turkey vulture averaged in a south-southwest dominant direction. The species with the highest average flight height was the—**BEGIN CONFIDENTIAL INFORMATION** < [REDACTED]  
>**END CONFIDENTIAL INFORMATION** The overall average flight height for all observations was 130 feet. Nearly all raptors observed were seen in flight. A summary of raptor flight metrics is provided in **Table 3**.

<sup>2</sup> Excluding a single observation of a broad-winged hawk with a flight height of 300 ft.

Table 1. Summary of Completed Surveys

Survey Date	Start Time (24-hour)	End Time (24-hour)	Survey Duration <sup>1</sup>	Temp. Range (°F)	Cloud Cover Range (%)	Wind Direction(s)	Wind Speed Range (mph)	Precip. <sup>2</sup>	Visibility Range (mi)	Number of Raptor Species Observed	Number of Raptor Individuals Observed
8/17/2021	0800	1805	10:05	70-84	50-100	S, SE, SSE	3-7	D	5-11	3	8
8/18/2021	0800	1804	10:04	71-78	90-100	S, SE, ESE, E	4-8	R	5-10	1	3
8/24/2021	0755	1755	10:00	68-85	0-90	NW, WNW	2-6		9-14	3	19
8/25/2021	0800	1753	9:53	73-90	10-50	SW, N, NW, W	3-6		10	2	22
8/31/2021	0757	1747	9:50	64-79	25-100	WNW, WSW, W, NNE	1-6		10-14	5	19
9/1/2021	0800	1741	9:41	64-70	90-100	ENE, NNE	6-7		10	3	16
9/8/2021	0800	1728	9:28	68-75	50-100	S, SW, SSW, WSW	12-16	R, D	10	2	3
9/10/2021	0800	1730	9:30	55-69	0-90	NW, NNW	4-8		10-15	7	25
9/14/2021	0800	1720	9:20	63-82	50-100	S, SSW, SSE, SE, ESE	2-8		10-13	4	21
9/15/2021	0800	1716	9:16	69-76	50-100	SW, WSW, W, WNW, NW	6-9	R, D	1-10	2	7
9/20/2021	0800	1707	9:07	51-78	0-90	SE, SSE	3-7		11-15	3	17
9/22/2021	0800	1703	9:03	64-73	90-100	SE, SSE	10-15	R, D	10	3	9
9/28/2021	0800	1650	8:50	63-68	25-100	NW, WNW	1-7		9-23	5	27
9/29/2021	0800	1651	8:51	50-64	50-90	W, WNW, NW	6-12		10	5	19

Survey Date	Start Time (24-hour)	End Time (24-hour)	Survey Duration <sup>1</sup>	Temp. Range (°F)	Cloud Cover Range (%)	Wind Direction(s)	Wind Speed Range (mph)	Precip. <sup>2</sup>	Visibility Range (mi)	Number of Raptor Species Observed	Number of Raptor Individuals Observed
10/5/2021	0800	1645	8:45	61-64	90-100	NNW, NW, WNW	2-3	F, M	1-6	1	1
10/6/2021	0800	1639	8:39	59-70	90-100	NE, ENE, SE, ESE	3-5		10	2	7
10/12/2021	0812	1630	8:18	64-73	0-100	S, SSE	4-8		10-12	1	39
10/13/2021	0800	1627	8:27	63-74	25-100	S, SSW, SW, WSW, W	5-7	D	10	4	38
10/19/2021	0800	1620	8:20	40-63	0-50	WNW, W	2-8		10-15	3	20
10/20/2021	0800	1616	8:16	54-71	0-50	WNW, W	8-10		10	2	10
10/26/2021	0800	1607	8:07	51-54	90-100	NNW, NW	10-14	R, D	10	1	1
10/27/2021	0800	1605	8:05	47-51	50-100	NNE, N, NNW	12-16		10	4	18
11/1/2021	0800	1559	7:59	43-50	25-90	W	12-15		10	2	12
11/5/2021	0800	1600	8:00	29-45	0-100	E, W, ESE	1-3		9-12	3	17
11/8/2021	0800	1450	6:50	39-61	0-25	E, ESE, SSE, SW, WSW	1-5		10	2	10
11/11/2021	0800	1447	6:47	40-54	25-90	ESE, SE, SSE	5-10		14-16	2	5
11/15/2021	0800	1443	6:43	34-40	90-100	SW, SSW, WSW,	14-17	D, SL, SN	1-10	1	1
11/16/2021	0755	1445	6:50	34-41	25-100	WNW, W, WSW, SW	3-8	SN	10-13	1	1
11/23/2021	0800	1440	6:40	29-31	25-100	NW, NNW	6-9	SN	2-12	2	4
11/24/2021	0800	1436	6:36	34-42	25-50	SW, S	4-6		10	0	0

Survey Date	Start Time (24-hour)	End Time (24-hour)	Survey Duration <sup>1</sup>	Temp. Range (°F)	Cloud Cover Range (%)	Wind Direction(s)	Wind Speed Range (mph)	Precip. <sup>2</sup>	Visibility Range (mi)	Number of Raptor Species Observed	Number of Raptor Individuals Observed
11/29/2021	0800	1434	6:34	29-32	25-90	NW	5-9		10	1	2
12/3/2021	0800	1433	6:33	31-33	90-100	NW	8-9	SN, D, SL	1-12	1	3
12/7/2021	0800	1432	6:32	28-32	50-100	W	6-8	SN	4-12	3	3
12/10/2021	0800	1432	6:32	37-44	90-100	S	8-10		10	0	0
12/13/2021	0800	1432	6:32	39-49	25-50	SW	10-12		10	1	1
12/14/2021	0755	1435	6:40	32-43	0-25	N, NW, NNW	3-5		10-13	4	8

<sup>1</sup>Time spent at survey location (hh:mm).

<sup>2</sup>D = drizzle; R = rain; SL = sleet; H = hail; SN = snow; F = fog; M = mist.

Table 2. Summary of Raptors Observed

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Raptor Group/Species	Scientific Name	Number of Survey Days Observed	Frequency <sup>1</sup>	Number of Individuals
		5	0.14	5
		2	0.06	3
<u>Buteos</u>				
Broad-winged Hawk	<i>Buteo platypterus</i>	1	0.03	1
Red-tailed Hawk	<i>Buteo jamaicensis</i>	24	0.67	52
Unidentified Buteo	<i>Buteo</i> spp.	1	0.03	1
		11	0.31	16
		5	0.14	8
<u>Falcons</u>				
American Kestrel	<i>Falco sparverius</i>	9	0.25	10
Merlin	<i>Falco columbarius</i>	4	0.11	4
		6	0.17	6
<u>Vultures</u>				
Turkey Vulture	<i>Cathartes aura</i>	22	0.61	309

<sup>1</sup>Represents the number of survey days the species was observed divided by the total number of survey days (36).

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Table 3. Summary of Raptor Flight Metrics

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Raptor Group/Species	Total Number of Individuals <sup>1</sup>	Mean Flight Height (feet)	Median Flight Height (feet)	Percent of Individuals in Flight	Dominant Flight Direction
	5	69	75	100	West
	3	177	225	100	Variable
<u>Buteos</u>					
Broad-winged Hawk	1	300	300	100	Southwest
Red-tailed Hawk	52	134	76	100	Southwest
Unidentified Buteo	1	250	250	100	South
	16	46	12	100	Variable
	8	60	50	38	Variable
<u>Falcons</u>					
American Kestrel	10	29	30	70	Variable
Merlin	4	49	15	100	Southwest
	6	275	250	83	Variable
<u>Vultures</u>					
Turkey Vulture	309	135	100	100	South
<b>Total</b>	<b>416</b>	<b>130</b>	<b>100</b>	<b>98</b>	<b>-</b>

<sup>1</sup>Number of individuals observed over the course of the season. Observations were considered equivalent to individuals for the purpose of this table, though the same individuals may or may not have been observed multiple times.

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The period (24-hour) with the most raptor observations was 1200–1300, with 115 individuals. The second most productive period was 1300–1400, with 86 individuals. These two hours (1200–1400) accounted for approximately 42% of all observations. A summary of raptor temporal use is provided in **Table 4**.

Table 4. Summary of Raptor Temporal Use

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Species	Time Period (24-hour)										
	0700-0800	0800-0900	0900-1000	1000-1100	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	1600-1700	1700-1800
American kestrel	1	2	3	6	4	4	4	3	6	4	1
	0	0	1	0	1	2	1	1	1	0	0
Broad-winged Hawk	0	0	0	0	0	0	1	0	0	0	0
	0	0	1	0	0	0	2	0	0	0	0
Merlin	0	0	0	1	0	1	0	0	2	0	0
	1	3	0	0	1	1	4	5	3	0	0
	0	3	3	5	5	4	6	4	3	4	3
Red-tailed Hawk	0	0	1	6	7	17	11	8	4	1	0
	0	0	0	2	1	1	1	0	1	0	0
Turkey Vulture	0	2	14	18	45	86	56	36	38	15	3
Unknown <i>Buteo</i>	0	0	0	0	0	0	0	0	1	0	0
<b>Total</b>	<b>2</b>	<b>10</b>	<b>23</b>	<b>38</b>	<b>64</b>	<b>115</b>	<b>86</b>	<b>53</b>	<b>59</b>	<b>24</b>	<b>7</b>

Note: Temporal use values represent the total number of birds observed during each time period.

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### 3.4.1 Special-Status Species, Large Flocks, and Incidental Species

A total of five state-listed raptor species were observed throughout the survey period. **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED]

[REDACTED]

[REDACTED] >END CONFIDENTIAL INFORMATION The American kestrel (a SGCN in New York) was also observed within the Facility Area (five observations). A summary of state-listed threatened species observations is provided in **Table 5**. **BEGIN CONFIDENTIAL INFORMATION** < [REDACTED]

[REDACTED]

[REDACTED] >END CONFIDENTIAL INFORMATION

**Table 5. State-Listed Threatened Species Observations**

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Species Common Name	Species Scientific Name	Conservation Status in New York	Date	Time (24-hour)	Number of Individuals	Average Flight Height (feet)	Description
[REDACTED]	[REDACTED]	Threatened	8/31/2021	1231	1	600	Adult; flew in from east, relatively low and flapping wings; gained at least 500 feet on thermal and proceeded to glide directly south until out of sight
		Threatened	9/10/2021	0948	1	150	Subadult; flew over north field, circling briefly but not gaining height; dropped down to just above treeline while flying northeast out of sight
		Threatened	9/14/2021	1504	1	300	Adult; flew in over east treeline; gained roughly 200 feet over field and continued flying to west

Species Common Name	Species Scientific Name	Conservation Status in New York	Date	Time (24-hour)	Number of Individuals	Average Flight Height (feet)	Description
		Threatened	9/22/2021	1119	1	75	Adult; spotted circling to the west before flying over the treeline heading northeast and then banked back to fly southwest along the road out of sight
		Threatened	12/7/2021	1305	1	0	Subadult; feeding on deer carcass in field south of observation location; individual was not observed flying in, and remained at carcass beyond end of survey
		Threatened	12/14/2021	1256	1	250	Juvenile; skirted around north field from west; circled over woodlot northeast of survey location and gained about 200 feet in elevation; soared northeast out of sight; possibly same individual that was feeding on deer carcass during prior survey
		Threatened	8/31/2021	1452	1	15	Adult female; Flew from east; dove to ground over hayfield, was not a successful strike; flew southeast over row crops out of sight
		Threatened	9/14/2021	0757	1	12	Unknown sex/age; Brief drive-by observation individual flying north over a corn field at a low flight height; individual was either a juvenile or adult female

Species Common Name	Species Scientific Name	Conservation Status in New York	Date	Time (24- hour)	Number of Individuals	Average Flight Height (feet)	Description
		Threatened	9/28/2021	1539	1	10	Juvenile; seen briefly flying above hedge and then dropping down to a low, hunting flight height; observation was brief, as individual flew behind knoll, not to be seen again
		Threatened	10/13/2021	1312	1	200	Adult male; came from the north treeline, high with 12 turkey vultures and one red-tailed hawk; the individual and red-tailed hawk much higher than the vultures; circled over the field near the survey point, crossed the road and banked southwest with the red-tailed hawk out of sight
		Threatened	10/19/2021	0811	1	10	Juvenile; flew up from stand of goldenrod; circled north field at a low, hunting flight height, crossed road to south and continued southeast over corn until out of sight
		Threatened	10/19/2021	1122	1	225	Unknown age/sex; direct, gliding flight to south, assumed migrating individual; either adult female or juvenile

Species Common Name	Species Scientific Name	Conservation Status in New York	Date	Time (24-hour)	Number of Individuals	Average Flight Height (feet)	Description
		Threatened	10/19/2021	1506	1	10	Juvenile; individual hunting over north field, taking a number of dives to ground; flew behind west hedge for 10 minutes, flew back and hunted for 18 minutes, then flew behind west hedge not to return
		Threatened	10/27/2021	1337	1	15	Adult female; was spotted hunting over the west side of the field; was successful and came up with a rodent; flew around and then landed at the perch point to eat for 16 minutes, then flew off into the north treeline
		Threatened	11/5/2021	1402	1	10	Adult female; hunting in northwest corner of hayfield; did not observe a dive to ground; flew beyond hedge to west, out of sight
		Threatened	11/11/2021	0851	1	10	Unknown age/sex; (juvenile or female) observed flying from northwest corner of field, flying at approximately 5–10 feet above ground; appeared to be foraging for approximately 30–40 seconds, occasionally swooping low to ground; flew southwest

Species Common Name	Species Scientific Name	Conservation Status in New York	Date	Time (24- hour)	Number of Individuals	Average Flight Height (feet)	Description
		Threatened	11/11/2021	1303	1	50	Unknown age/sex; observed flying over northeast treeline; proceeded to fly at a height of 35 feet, and ascended higher to 60 feet; individual continued to fly in westerly direction close to tree stand, until out of sight over treeline
		Threatened	11/11/2021	1350	1	8	Unknown age/sex; observed flying nearby to corn field to the southeast at a flight height of 15 feet; then flew across to the north field—actively hunting and foraging, swooping towards the ground
		Threatened	11/11/2021	1407	1	20	Unknown age/sex; same individual from earlier; continued utilizing back end of field; landed on ground at 1410 for 10 seconds, and then flew back up to continue foraging at height of 15 feet; did not appear to catch prey
		Threatened	11/23/2021	0821	1	15	Adult female; flew in from south, over woodlot; crossed hayfield in a low, hunting flight; dropped to ground once without success; flew beyond west hedge out of sight

Species Common Name	Species Scientific Name	Conservation Status in New York	Date	Time (24- hour)	Number of Individuals	Average Flight Height (feet)	Description
		Threatened	12/7/2021	1222	1	10	Unknown age/sex, either adult female or juvenile; flew in over woodlot, dropped down to hunting flight height; lost sight behind a knoll for 2 minutes before individual emerged and flew back from where they came, this time staying low to ground
		Threatened	12/14/2021	1438	1	150	Adult female; seen flying low from behind a knoll in north field; while nearing west edge, individual flew up above treeline and gained 150 feet elevation while circling before soaring to northwest out of sight
		Special Concern	10/13/2021	1327	2	225	Unknown age/sex; two individuals flew high and roughly together; first spotted to the north and they made wide circles over the survey area for several minutes before heading east-southeast, soaring and rarely flapping; too high to age/sex
		Special Concern	12/14/2021	0948	1	80	Juvenile; individual soared over north field, then circled near woodlot west of observation location, before flying over and out of sight



Species Common Name	Species Scientific Name	Conservation Status in New York	Date	Time (24-hour)	Number of Individuals	Average Flight Height (feet)	Description
		Special Concern	8/18/2021	0800	3	0	Unknown age/sex; three individuals seen perched on or near nest over course of survey
		Special Concern	8/25/2021	1102	1	50	Unknown age/sex; spotted returning to nest with stick
		Special Concern	8/25/2021	1326	1	50	Unknown age/sex; flew from nest to northeast treeline; was later seen back at nest, though return flight was not observed
		Special Concern	9/1/2021	1012	1	0	Unknown age/sex; seen perching starting at 1012 and remained on or near the nest for the duration of the survey
		Special Concern	9/8/2021	1310	1	40	Unknown age/sex; came into view to the north, dropping in height and carrying a fish; flew over the corn field and along the road heading west out of sight
		Special Concern	10/6/2021	1042	1	100	Unknown age/sex; came into view over the northwest treeline and flew on a relatively direct line south-southeast over the road and field to the south of the survey location until out of sight over the southeast treeline

Species Common Name	Species Scientific Name	Conservation Status in New York	Date	Time (24-hour)	Number of Individuals	Average Flight Height (feet)	Description
		Special Concern	9/10/2021	1538	1	80	Unknown age/sex; possibly hunting, flying just over canopy of one woodlot then flying west to another woodlot
		Special Concern	9/22/2021	1058	1	75	Adult; came from the northeast field and circled north of the survey location as it flew northwest and over the treeline out of sight
		Special Concern	9/28/2021	1352	1	100	Juvenile; seen flying from east woodlot to west and circled briefly before continuing west
		Special Concern	9/29/2021	1201	1	40	Adult; flew over the north field heading southwest; circled many times near the road trying to catch a European starling before heading into the west treeline, out of sight
		Special Concern	10/27/2021	1039	1	50	Juvenile; was spotted over the north treeline fighting the wind before it flew east and out of sight over the treeline

>END CONFIDENTIAL INFORMATION

Many small flocks of Canada geese (*Branta canadensis*) and snow geese (*Chen caerulescens*) were observed during surveys, with only one flock of Canada geese greater than 50 individuals noted. Two lesser yellowlegs (*Tringa flavipes*) were observed on August 31, 2021, wading in standing water before flying east out of sight. A flock of 24 mallards (*Anas platyrhynchos*) was observed flying north on December 3, 2021. Non-raptor bird species that did not meet the criteria of large flocks or individuals of special status species were noted as incidental species simply for their presence (the number of individuals was not recorded). Incidental avian species observed during each survey were noted on the survey data sheets (see **Appendix D**).

## 4.0 CONCLUSIONS

Fall raptor migration surveys were conducted at two survey locations within the Facility Area between August 17 and December 14, 2021, totaling more than 290 survey-hours over the course of 36 survey days. Surveys were conducted from 0800 until 2 hours before sunset. Overall, a total of 416 raptors of 10 species were observed. **BEGIN CONFIDENTIAL INFORMATION** <

[REDACTED]

[REDACTED]

>**END CONFIDENTIAL INFORMATION** The Applicant will continue to engage in consultations with ORES and NYSDEC regarding additional avian field surveys that may be recommended.

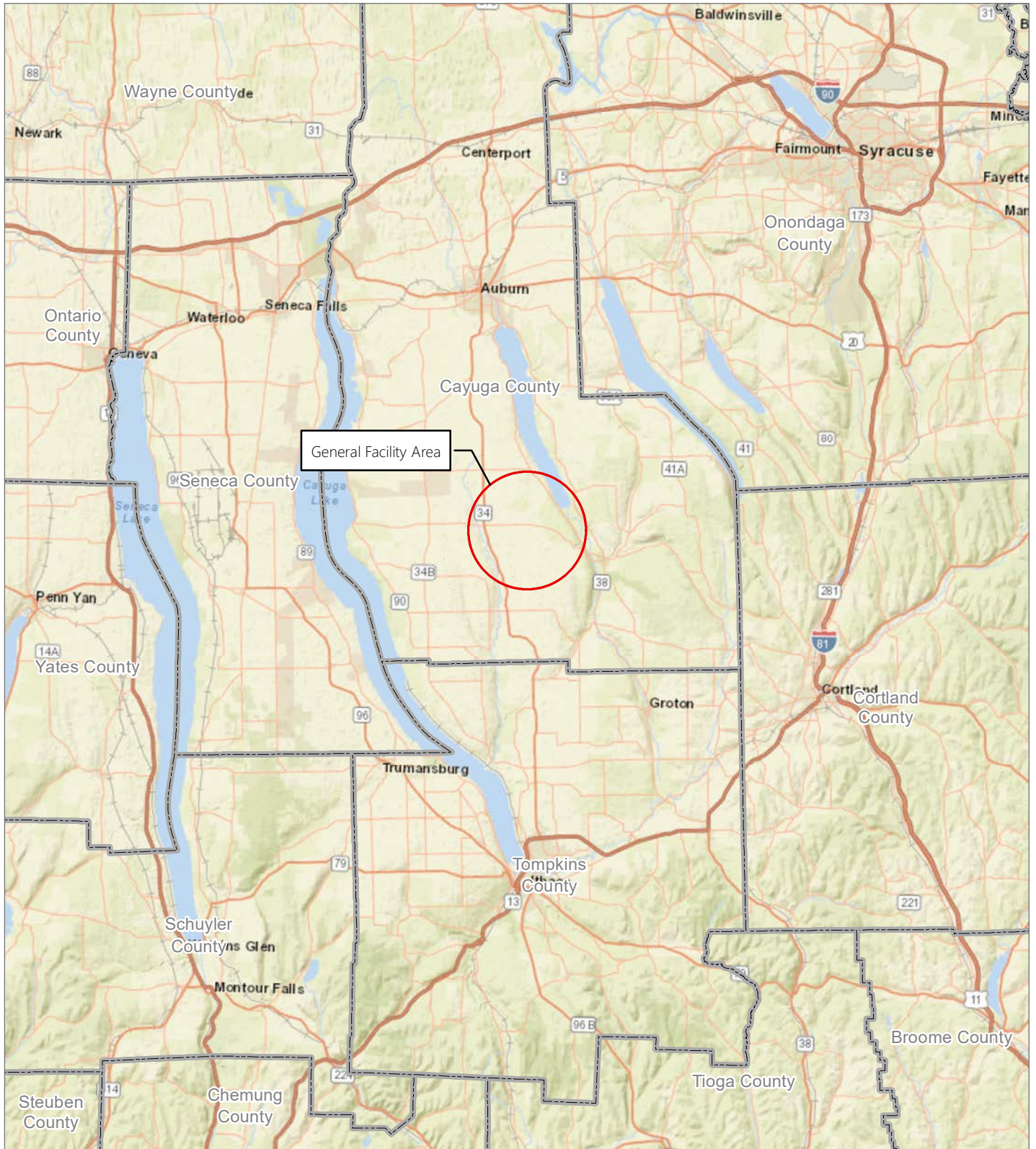
## 5.0 REFERENCES

New York State Department of Environmental Conservation (NYSDEC). 2015a. *List of Endangered, Threatened and Special Concern Fish & Wildlife Species of New York State*. Available at: <http://www.dec.ny.gov/animals/7494.html> (Accessed January 2022).

New York State Department of Environmental Conservation (NYSDEC). 2015b. *New York State Species of Greatest Conservation Need*. Available at: [https://www.dec.ny.gov/docs/wildlife\\_pdf/sgnc2015list.pdf](https://www.dec.ny.gov/docs/wildlife_pdf/sgnc2015list.pdf) (Accessed January 2022).

## FIGURES

**Figure 1. Regional Facility Location**



## Agricola Wind Project

Towns of Venice, Scipio, and Moravia,  
Cayuga County, New York

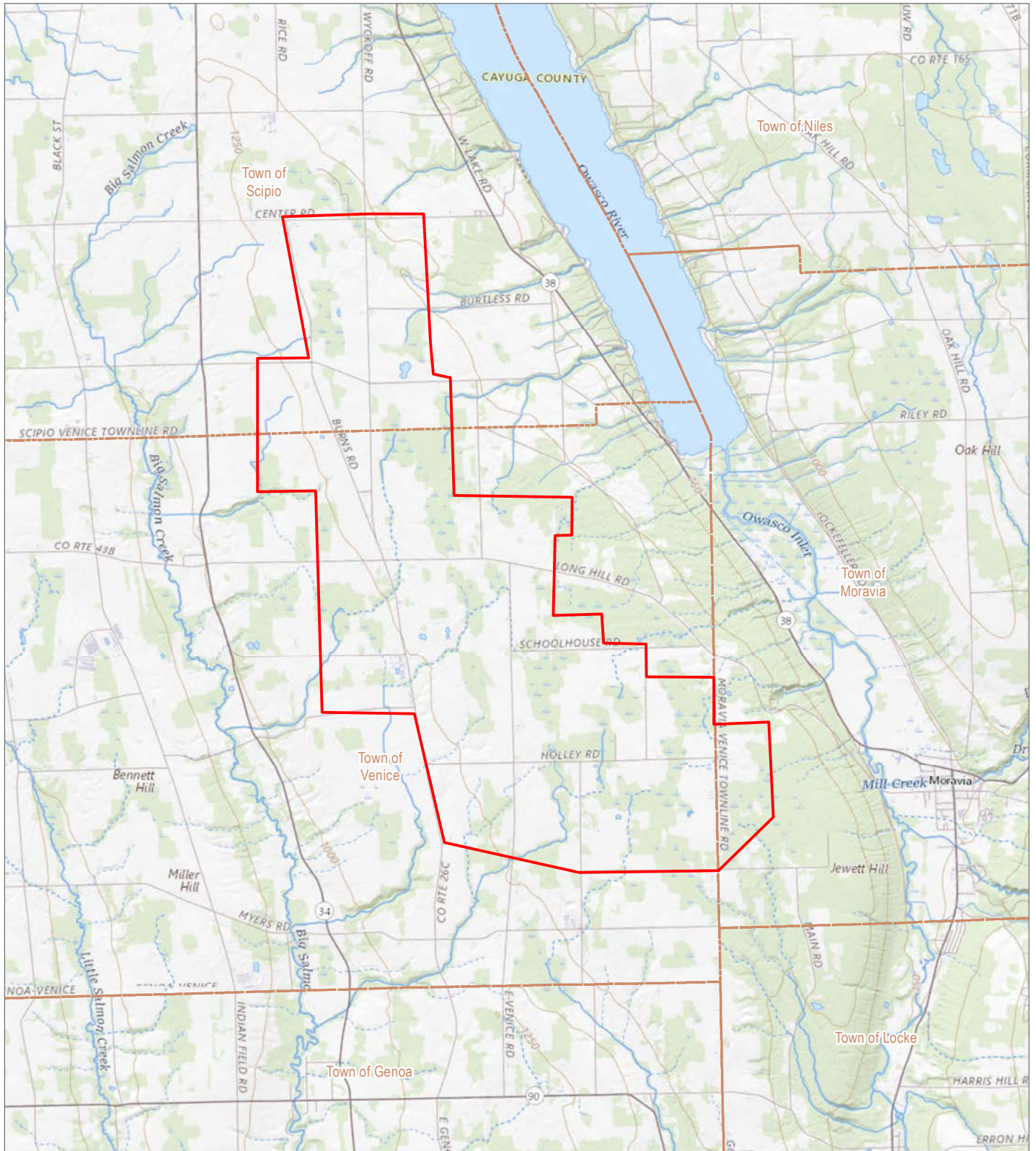
*Fall Raptor Migration Survey Report*



0 2.5 5 10  
Miles



**Figure 2. Facility Area**

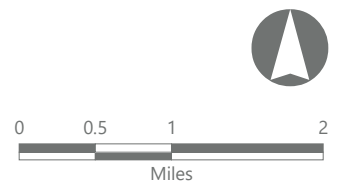


## Agricola Wind Project

Towns of Venice, Scipio, and Moravia,  
Cayuga County, New York

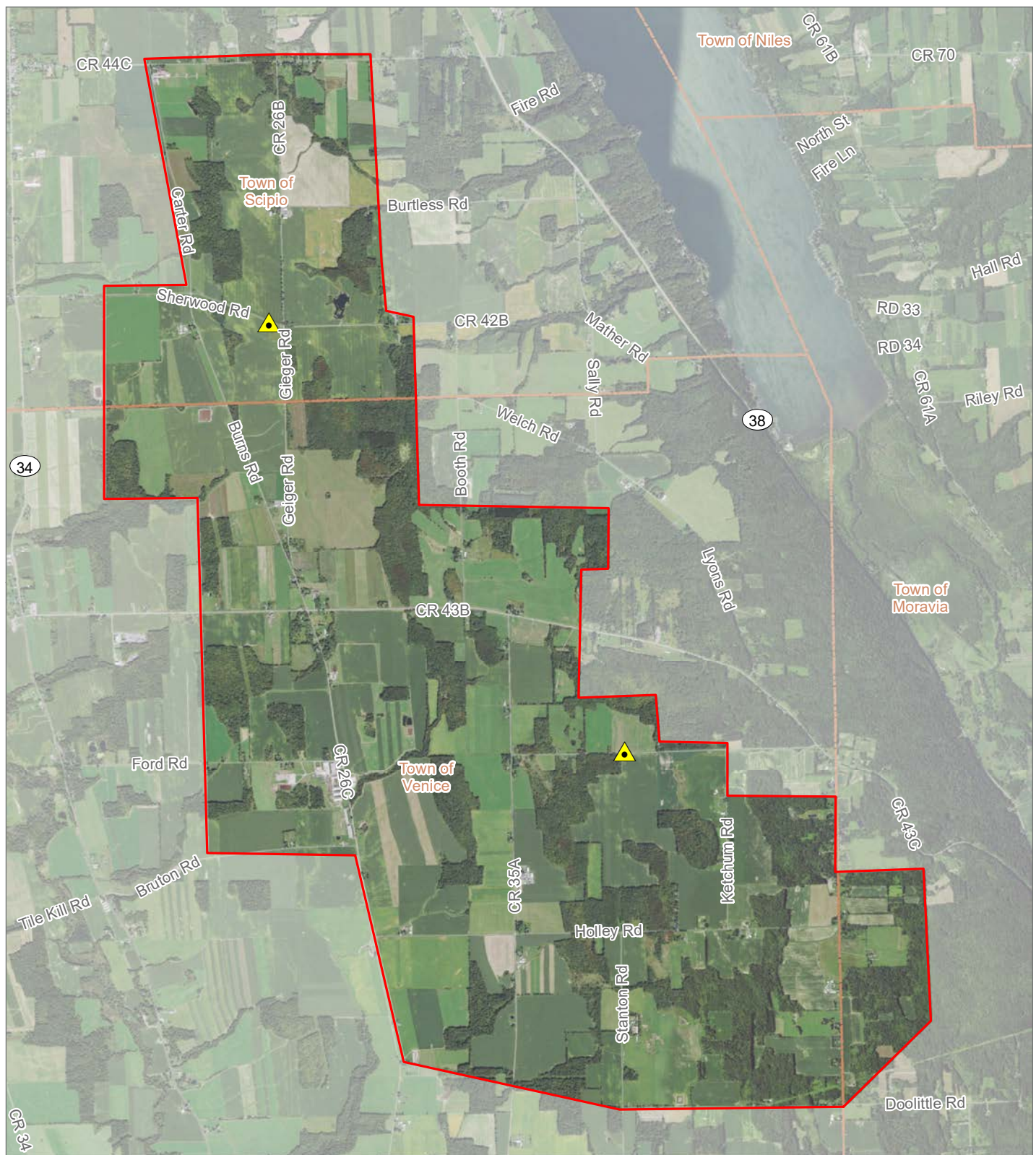
*Fall Raptor Migration Survey Report*

Facility Area





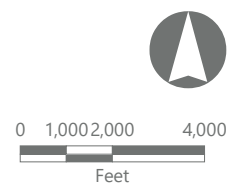
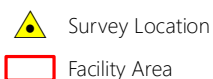
### Figure 3. Survey Locations



## Agricola Wind Project

Towns of Venice, Scipio, and Moravia,  
Cayuga County, New York

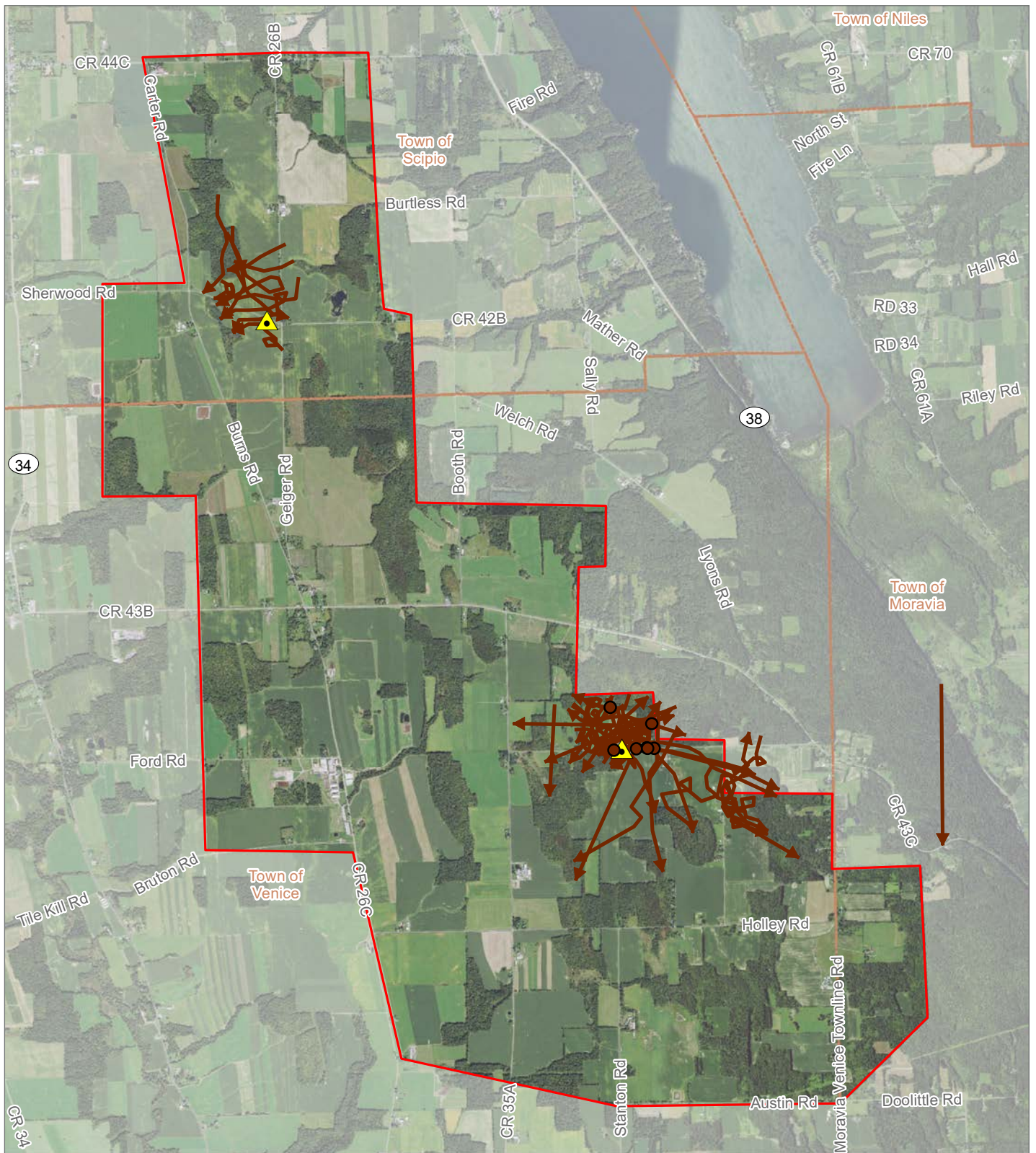
## Fall Raptor Migration Survey Report





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.

**Figure 4. Raptor Observations - Buteos**

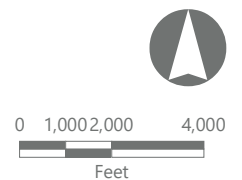


## Agricola Wind Project

Towns of Venice, Scipio, and Moravia,  
Cayuga County, New York

**Fall Raptor Migration Survey Report**

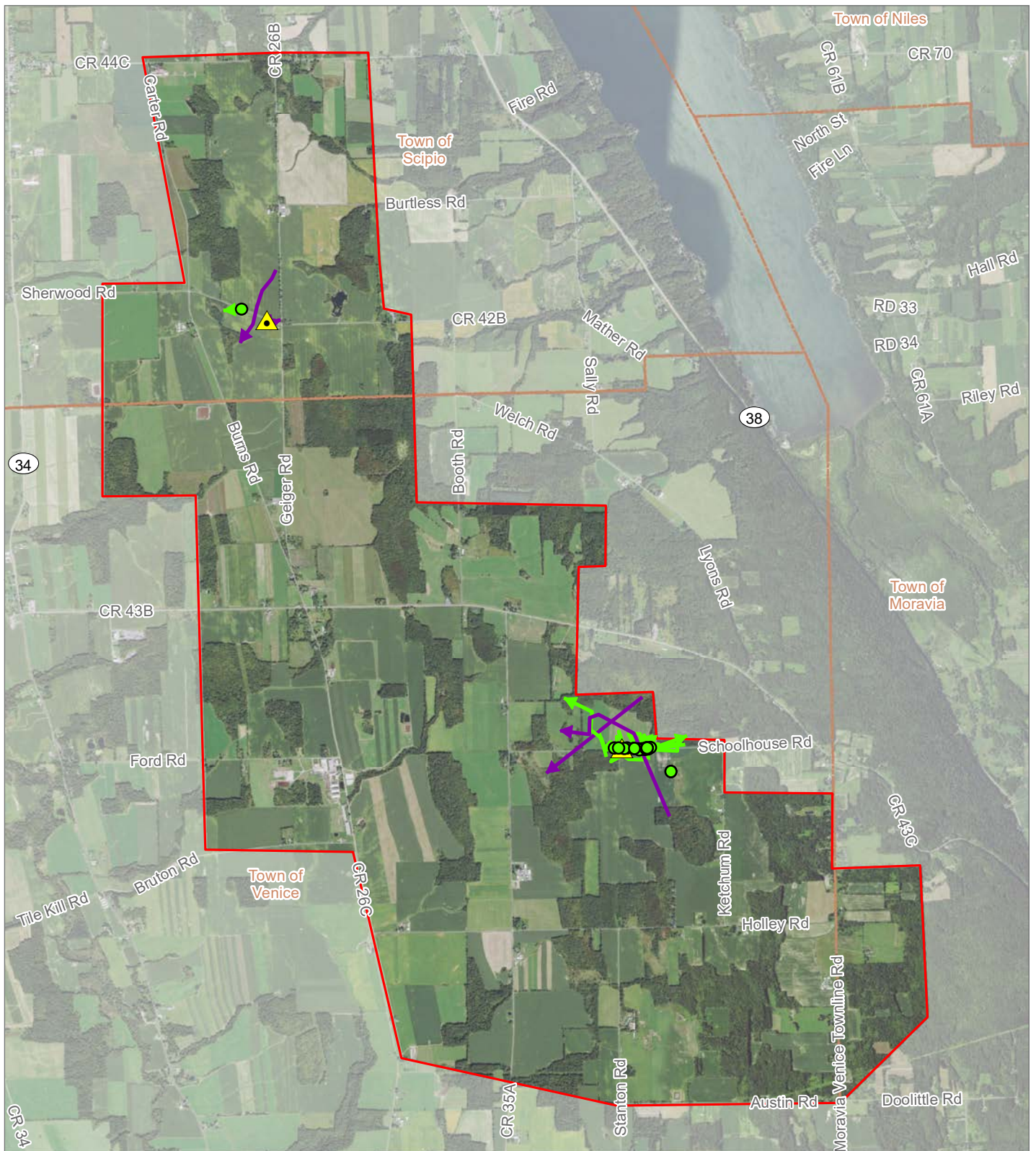
- Red-tailed Hawk Perch Location
- ➔ Red-tailed Hawk Flight Path
- ▲ Survey Location
- Facility Area



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.



**Figure 4. Raptor Observations - Falcons**

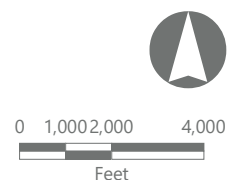


## Agricola Wind Project

Towns of Venice, Scipio, and Moravia,  
Cayuga County, New York

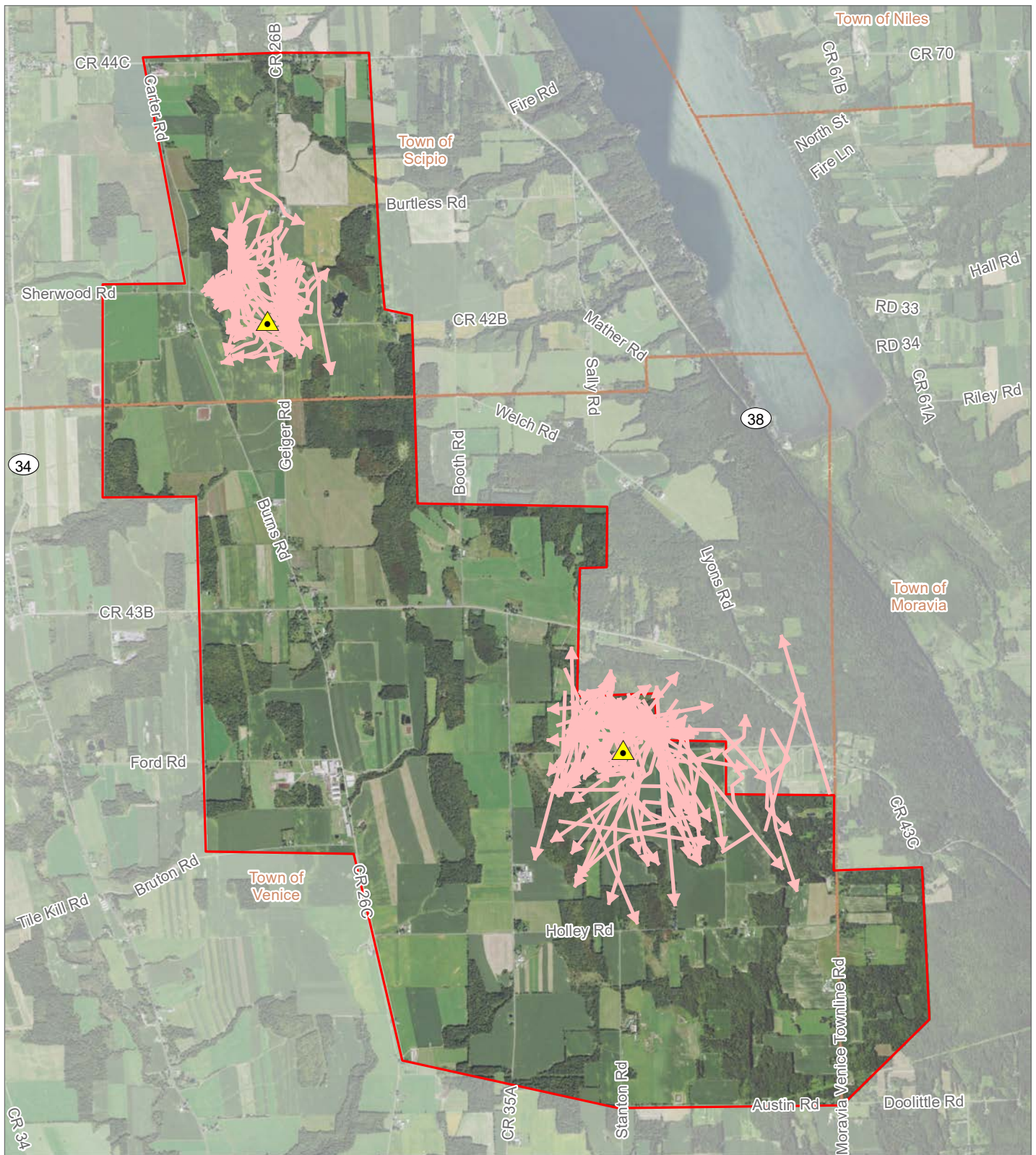
**Fall Raptor Migration Survey Report**

- American Kestrel Perch Location
- ➔ Merlin Flight Path
- ➔ American Kestrel Flight Path
- ▲ Survey Location
- Facility Area








**Figure 4. Raptor Observations - Vultures**

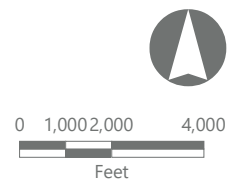


## Agricola Wind Project

Towns of Venice, Scipio, and Moravia,  
Cayuga County, New York

### Fall Raptor Migration Survey Report

-  Survey Location
-  Turkey Vulture Flight Path
-  Facility Area



## **APPENDIX A**

### Fall Raptor Migration Work Plan

# Fall Raptor Migration Survey Work Plan

## Agricola Wind Project

Towns of Venice, Scipio, and Moravia, Cayuga County, New York

Prepared for:



Liberty Renewables Inc.  
90 State Street, Suite 700  
Albany, NY 12207  
<https://liberty-renewables.com/agricolawind/>

Prepared by:



Environmental Design & Research, D.P.C.  
217 Montgomery Street, Suite 1100  
Syracuse, New York 13202  
[www.edrdpc.com](http://www.edrdpc.com)

**August 2021**

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3.0	FALL RAPTOR MIGRATION SURVEYS.....	2
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Figure 2:	Facility Area
Figure 3:	Survey Locations

## LIST OF APPENDICES

Appendix A:	Results of Agency Database Review and Consultation
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## 1.0 INTRODUCTION

### 1.1 Purpose of the Investigation

On behalf of Liberty Renewables Inc. (the Applicant), Environmental Design & Research, D.P.C. (EDR) has prepared this Fall Raptor Migration Survey Work Plan for the Agricola Wind Project (formerly the Venice Wind Project), a proposed wind energy generation facility and associated infrastructure (herein, the Facility) located in Cayuga County, New York. This work plan will be incorporated into an Application for a siting permit that is being prepared in accordance with New York's Accelerated Renewable Energy Growth and Community Benefit Act, Executive Law §94-c (Section 94-c) regulations.<sup>1</sup> The information included in this work plan is intended to inform the Applicant in the development of the Facility and assist the New York State Office of Renewable Energy Siting (ORES) and the New York State Department of Environmental Conservation (NYSDEC) in their review of the Facility's potential impacts on state-listed endangered and threatened bird species in accordance with the requirements of the Section 94-c and 6 NYCRR Part 182 (Part 182) regulations.

The purpose of the fall raptor migration surveys is to identify and document raptors (including eagles, falcons, harriers, hawks, ospreys, owls, and vultures) that move through the area including and surrounding the Facility Area during the fall migration season (defined by the NYSDEC as August 15 to December 15). All raptors will be targeted for the study, along with large flocks of non-raptor birds (e.g., waterfowl, corvids, icterids) and any special status species (i.e., endangered or threatened species, species of special concern, and species of greatest conservation need [NYSDEC, 2015a; NYSDEC, 2015b]). The fall raptor surveys will be conducted by qualified biologists following the methodology established in the 2016 NYSDEC *Guidelines for Conducting Bird and Bat Studies at Commercial Wind Energy Projects* (NYSDEC Survey Protocol).

### 1.2 Facility Location and Description

The Applicant is proposing to construct an up to 100-megawatt (MW) wind-powered electric generating facility and associated infrastructure in the Towns of Venice, Scipio, and Moravia in Cayuga County, New York. The regional Facility location and the Facility Area are depicted on Figures 1 and 2, respectively. The Facility Area totals approximately 8,400 acres and is composed primarily of open agricultural fields, along with deciduous forestland, successional communities, and disturbed/developed areas (e.g., roadways, residences, commercial buildings). Within the Facility Area, a much more limited subset of land will be selected for the siting, design, construction, and operation of the Facility. Much of the Facility will be constructed in areas where disturbance has already occurred (e.g., agricultural fields that are used for crop cultivation) in order to minimize the need for vegetation removal within forested and wetland areas.

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

## 2.0 BACKGROUND INFORMATION

### 2.1 Agency Database Review and Consultation

The Applicant has engaged in consultation with federal and state agencies regarding the potential presence of threatened and endangered species within the Facility Area. This has included database review via the U.S. Fish and Wildlife Service (USFWS) online Information for Planning and Consultation (IPaC) system, as well as correspondence with the NYNHP, NYSDEC, and ORES. According to the IPaC system, [REDACTED]

(Appendix A).

EDR also engaged in additional agency consultations and conducted reviews of other open-access databases (e.g., eBird, Christmas Bird Count) as part of preparing a Wildlife Site Characterization Report for the Facility. [REDACTED]

## 3.0 FALL RAPTOR MIGRATION SURVEYS

### 3.1 Survey Period and Frequency

The survey period will correspond with the typical fall migratory period for the majority of New York avian species that may pass by or through the Facility Area during the fall migration season. As noted above, the NYSDEC defines the fall migration season as beginning on August 15 and continuing through December 15. Therefore, surveys will be conducted within this time period. Surveys will be performed once per week at each survey location between 8:00 a.m. and until at least two hours prior to sunset, which will range from approximately 6:00 p.m. to approximately 2:30 p.m. as the season progresses. To the greatest extent practicable, surveys will not be conducted on days when weather conditions would limit visibility (e.g., heavy

rain, fog, snow or excessive cloud cover). Weather forecasts will be reviewed regularly in order to select the most appropriate survey days.

### **3.2 Survey Locations**

The primary method for surveying migrating raptors will consist of daytime surveys conducted from two survey locations. Spring raptor migration survey were previously completed for the Facility in 2021. As part of designing that study, EDR conducted a desktop review of the Facility Area using a Geographic Information System (GIS) to evaluate topography, vegetative communities, land cover, and access constraints. The results of this analysis were used to identify two optimal survey locations for spring raptor migration surveys. Current National Agriculture Imagery Program (NAIP) and New York Statewide Digital Orthoimagery Program (NYSDOP) aerial imagery were reviewed as part of this effort, along with topographic contours generated from New York State GIS Program Office (NYSGPO) lidar data. These two survey locations were also field-verified during the spring surveys, and the same survey locations are proposed for use during the fall surveys. The first proposed survey location is positioned along the edge of an open agricultural field south of Sherwood Road in the northern portion of the Facility Area (see Figure 3). The second proposed survey location is positioned along the edge of an open agricultural field north of Schoolhouse Road in the east-central portion of the Facility Area (see Figure 3). These locations will provide open views of the sky and the Facility Area in multiple directions.

### **3.3 Surveyor Qualifications**

Fall raptor migration surveys will be conducted by experienced, trained biologists to ensure accurate species identification and compliance with this work plan. EDR biologists Max Baber, Nicholas Pusateri, Tiffany Clay, and Samouel Beguin will conduct and/or provide support and technical direction for the survey effort and ensure that quality assurance and quality control procedures are followed.

Mr. Baber is an Environmental Analyst with more than eight years of experience in wildlife biology, wildlife management, and scientific research. He received a Bachelor of Science degree in wildlife biology from Evergreen State College. Mr. Baber's experience includes threatened and endangered wildlife species surveys, habitat assessments, scientific study design, scientific writing, and statistical analysis. Mr. Baber's professional focus is on avian research and advocacy. He has designed, overseen, and conducted avian surveys implementing a broad range of research methods including nest searching and monitoring, territory mapping, mist netting and banding, point count surveys, radio telemetry and tracking, migratory bird counts, and bioacoustic recording and monitoring. Mr. Baber has also taught these methods to technicians, interns, volunteers, and students. At EDR, Mr. Baber has conducted breeding bird surveys, raptor migration surveys, and wintering raptor surveys, and supports the design and implementation of avian surveys for renewable energy projects.

Mr. Pusateri is a Field Ecologist with more than five years of experience in wildlife biology, conservation ecology, and scientific research. He received a Bachelor of Science degree in Environmental Science and Biology with a concentration in Terrestrial Ecology from The College at Brockport State University of New York (SUNY Brockport). Mr. Pusateri's experience includes avian field surveys, avian banding, and scientific

writing. Prior to joining EDR, Mr. Pusateri spent two field seasons as an avian migration counter at Hawk Ridge Bird Observatory in Duluth, Minnesota and another field season as a Field Ecologist with Bird Conservancy of the Rockies in Colorado, Wyoming, and Idaho. Mr. Pusateri has also spent multiple seasons interning and volunteering with Braddock Bay Raptor Research in New York, aiding in migration and owl surveys. At EDR, Mr. Pusateri has conducted breeding bird surveys and raptor migration surveys, and supports the design and implementation of avian surveys for renewable energy projects.

Ms. Clay is an Environmental Analyst with more than six years of experience in the natural resources field. She received a Bachelor of Science in Environmental Science and Biology from The College at Brockport State University of New York (SUNY Brockport) and a Master's degree in Environmental Science and Ecology from SUNY Brockport. Prior to joining EDR, Ms. Clay spent two field seasons as a crew leader conducting avian community surveys (acoustic and visual) for the Great Lakes Coastal Wetland Monitoring Project. As a long-term volunteer, Ms. Clay has also conducted point count surveys for breeding birds at Montezuma National Wildlife Refuge. Ms. Clay is a member of The Rochester Birding Association and is an avid bird watcher in her free time. At EDR, Ms. Clay has been involved in designing, conducting, and managing avian surveys and habitat assessments for numerous utility- and community-scale renewable energy projects.

Mr. Beguin is a Senior Environmental Analyst with more than seven years of experience in environmental consulting, wildlife biology, and scientific research. He received a Bachelor of Arts degree in Biology and Environmental Studies from Middlebury College and a Master of Science degree in Environmental and Forest Biology from SUNY-ESF. Mr. Beguin's experience includes threatened and endangered wildlife species surveys, habitat assessments, environmental permitting, mitigation planning, agency consultation, GIS mapping and data analysis, and bioacoustic monitoring of avian communities. At EDR, Mr. Beguin has been involved in designing, conducting, and managing avian surveys and habitat assessments for numerous utility- and community-scale renewable energy projects.

### **3.4 Survey Methodology**

During surveys, biologists will stand and/or sit at the stationary survey locations and conduct systematic visual scans of the sky in all directions in order to detect raptors and other birds passing through the area and/or utilizing habitat within the Facility Area. Binoculars of 8x or 10x magnification will be used as the primary visual aid for avian identification and counts. Biologists will record detailed information for all raptors observed, as well as large flocks of non-raptor birds (i.e., more than 50 individuals). In addition, any observations of special status species (i.e., endangered, threatened, special concern, species of greatest conservation need) will be documented, regardless of number.

Survey data will be recorded in a standardized and organized fashion using data sheets and a mobile GIS application that will allow for digitization of flight path lines and perch locations. Data recorded for each fall raptor migration survey will include:

- Observer initials;
- Date;
- Start and end time;

- Hourly weather conditions (temperature, cloud cover, prevailing wind direction, wind speed, precipitation type [if any], and visibility);
- The number of individuals and identification of each species observed;
- The start and end time of each observation;
- Sex and age of individuals (when possible);
- Minimum and maximum flight height;
- Average flight height and direction;
- Behavior(s) (e.g., flying, perched, foraging); and
- Descriptions and additional notes.

Non-raptor bird species flocks composed of more than 50 individuals and all non-raptor special status species will also be noted and mapped in a similar manner to raptor observations. All other non-raptor bird species that do not meet those criteria will be noted as incidental species simply for their presence (the number of individuals will not be recorded). Locations of all raptor species will be indicated on an aerial-based map of the survey area. All observations of special status species (including detailed behavioral descriptions) will be recorded.

### *3.4.1 Data Analysis*

Several metrics will be calculated for each raptor species observed during surveys. First, the total number of observations will be identified for each species including observations of raptors in flight or perched at any distance relative to the survey locations. Observations will be 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 will then be calculated for each species by dividing the number of survey days during which observations are recorded by the total number of survey days. Mean and median flight heights for each species will be calculated using the average flight height for each individual of that species recorded in the field. Percent of individuals in flight will be calculated based on the total number of individuals perched and the total number of individuals in flight observed for each species. The dominant flight direction will be determined by reviewing flight paths and recorded flight pattern data; in some cases, there may be no obvious dominant flight direction. Temporal use will also be tabulated for each species based on the time of observation for every individual.

## **3.5 Reporting**

A final report will be prepared and submitted to ORES and the NYSDEC on behalf of the Applicant after the surveys have been completed. The report will summarize all observations of migratory raptors, and all special status species observed during the surveys. Summary information will include:

- The date, start time, end time, duration, weather conditions, and number of raptor species and individuals observed for each survey;
- The total number of raptor species observed during the survey period;
- The total number of individuals and frequency for each species observed;

- An indication of the dates, times, and locations for each raptor observation;
- The observed mean flight height, median flight height, percent of individuals in flight, and dominant flight direction for each raptor species;
- An indication of the time periods during which each species was observed;
- Detailed information and descriptions for each state-listed raptor observation; and
- A list of incidental avian species observed during surveys.

The report will include supporting tables, figures, and appendices. In addition, GIS shapefiles will be provided to ORES and the NYSDEC for the survey locations, the Facility Area boundary, flight path lines, and perch point locations. For any observations of state-listed threatened and endangered species, the report will provide the date, time observed, number of individuals, behavior(s), flight height, flight direction, and other relevant information, as applicable. Locations and GIS shapefiles will be provided for all threatened and endangered species observations (including points for any perching/roosting locations, flight path lines, and/or polygons for on-site use areas).

## 4.0 REFERENCES

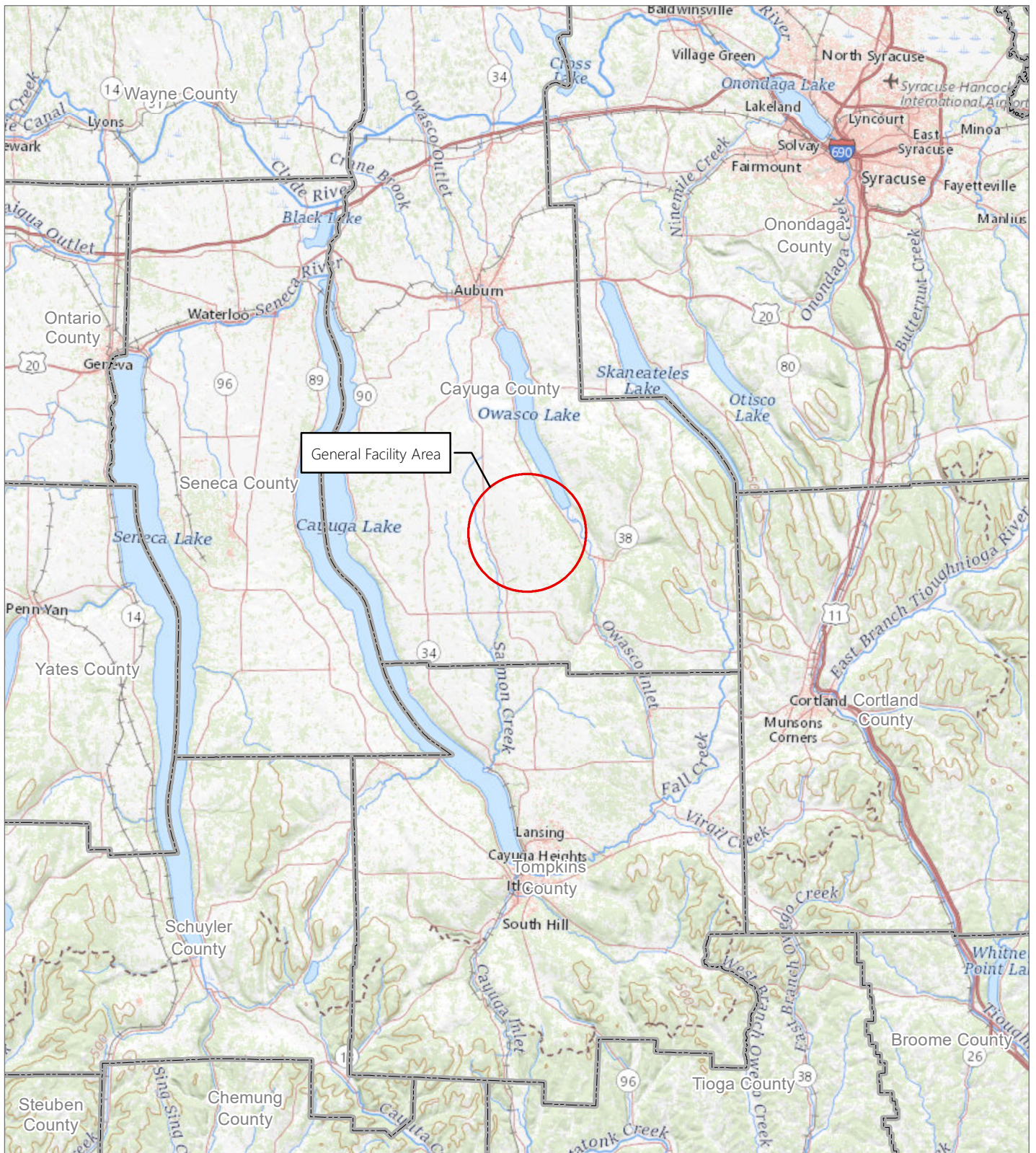
New York State Department of Environmental Conservation (NYSDEC). 2015a. *List of Endangered, Threatened and Special Concern Fish & Wildlife Species of New York State*. Available at: <http://www.dec.ny.gov/animals/7494.html> (Accessed July 2021).

NYSDEC. 2015b. *Species of Greatest Conservation Need (SGCN)*. Available at: <https://www.dec.ny.gov/animals/9406.html> (Accessed July 2021).

## FIGURES



**Figure 1. Regional Facility Location**



## Agricola Wind Project

Towns of Venice, Scipio, and Moravia,  
Cayuga County, New York

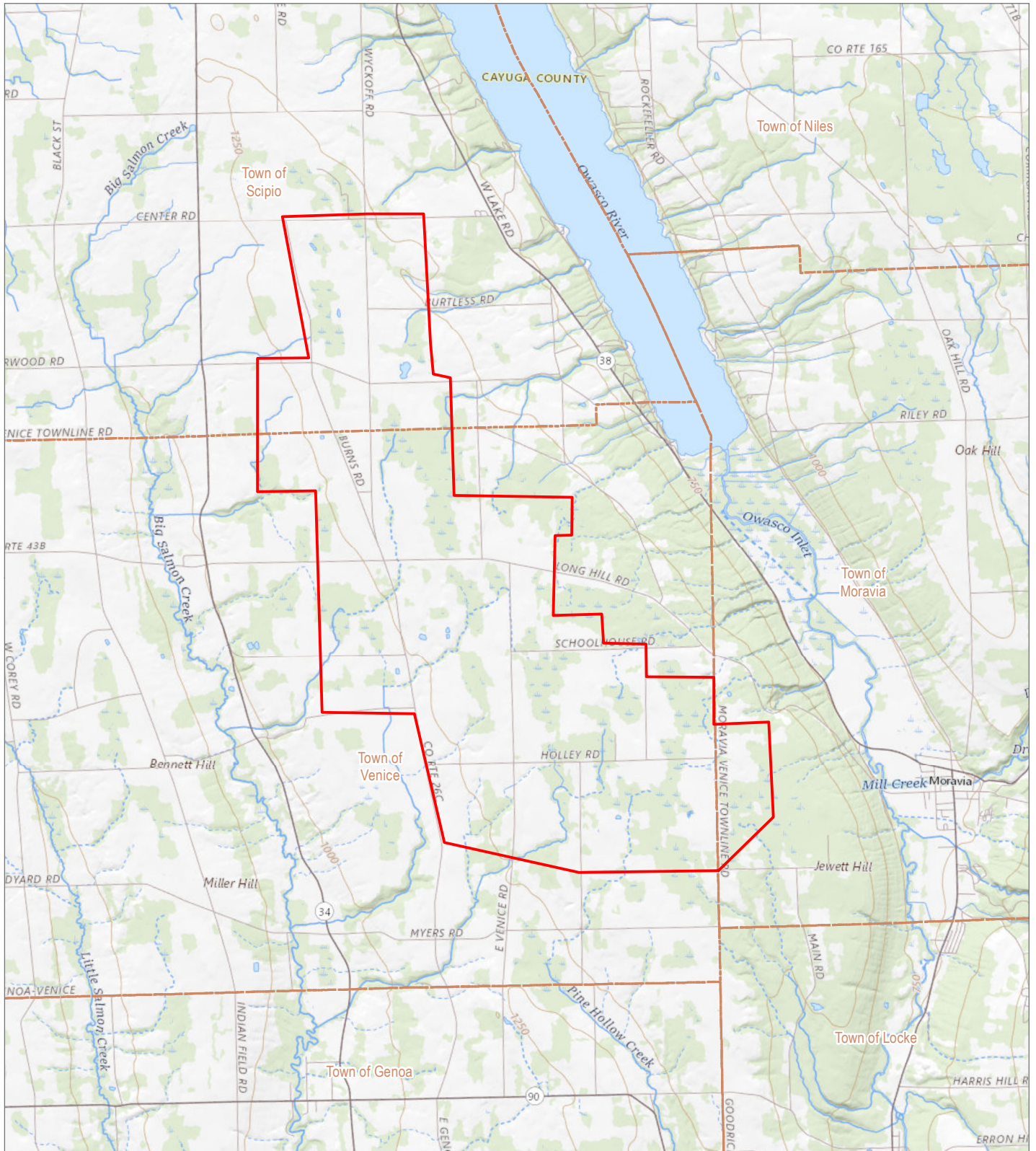
*Fall Raptor Migration Survey Work Plan*



0 2.5 5 10  
Miles



**Figure 2. Facility Area**



## Agricola Wind Project

Towns of Venice, Scipio, and Moravia,  
Cayuga County, New York

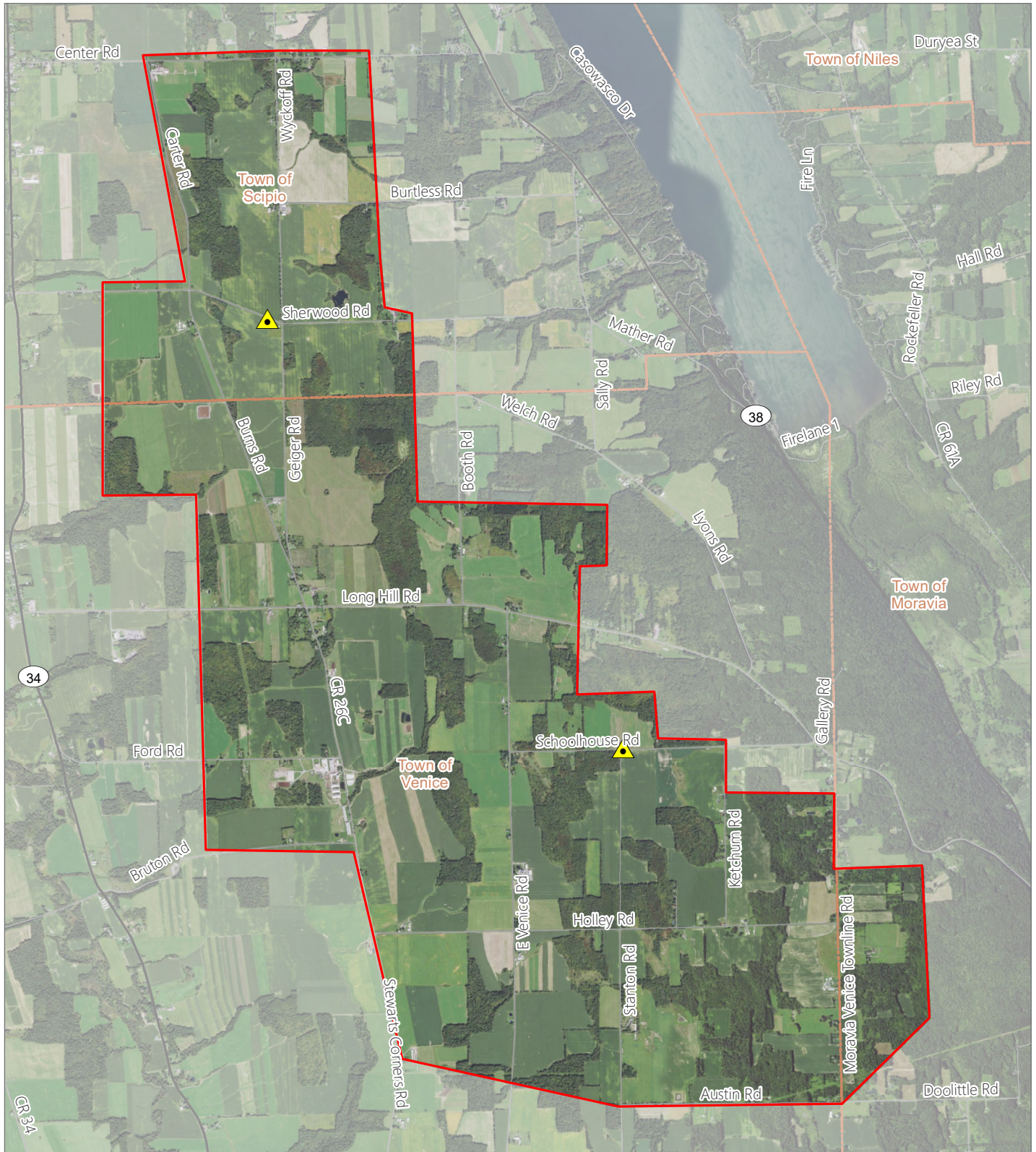
**Fall Raptor Migration Survey Work Plan**

Facility Area







**Figure 3. Survey Locations**

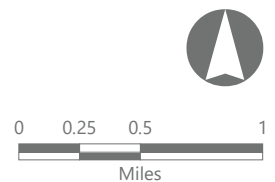


## Agricola Wind Project

Towns of Venice, Scipio, and Moravia,  
Cayuga County, New York

**Fall Raptor Migration Survey Work Plan**

-  Survey Location
-  Facility Area



## **APPENDIX B**

### Results of Agency Database Review and Consultation



## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
New York Ecological Services Field Office

3817 Luker Road

Cortland, NY 13045-9385

Phone: (607) 753-9334 Fax: (607) 753-9699

<http://www.fws.gov/northeast/nyfo/es/section7.htm>



In Reply Refer To:

March 04, 2021

Consultation Code: 05E1NY00-2021-SLI-1760

Event Code: 05E1NY00-2021-E-05605

Project Name: Venice Wind

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531 *et seq.*). This list can also be used to determine whether listed species may be present for projects without federal agency involvement. New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list.

Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the ESA, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC site at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list. If listed, proposed, or candidate species were identified as potentially occurring in the project area, coordination with our office is encouraged. Information on the steps involved with assessing potential impacts from projects can be found at: <http://www.fws.gov/northeast/nyfo/es/section7.htm>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan ([http://www.fws.gov/windenergy/eagle\\_guidance.html](http://www.fws.gov/windenergy/eagle_guidance.html)). Additionally, wind energy projects should follow the Services wind

energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the ESA. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List



## **Official Species List**

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**New York Ecological Services Field Office**

3817 Luker Road

Cortland, NY 13045-9385

(607) 753-9334

## Project Summary

Consultation Code: 05E1NY00-2021-SLI-1760

Event Code: 05E1NY00-2021-E-05605

Project Name: Venice Wind

Project Type: POWER GENERATION

Project Description: Proposed wind project with up to 22 wind turbines.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@42.7419901,-76.51479957469081,14z>



Counties: Cayuga County, New York



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.

## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Fish and Wildlife, New York Natural Heritage Program  
625 Broadway, Fifth Floor, Albany, NY 12233-4757  
P: (518) 402-8935 | F: (518) 402-8925  
[www.dec.ny.gov](http://www.dec.ny.gov)

January 14, 2021

Kyle Crawford  
EDR  
41 State St, Suite 806  
Albany, NY 12207

**Re: Proposed wind project in the Town of Venice**

County: Cayuga Town/City: Scipio, Venice

Dear Mr. Crawford:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the above project.

Enclosed is a report of rare or state-listed animals and plants, and significant natural communities that our database indicates occur within a 5-mile buffer of the project site. Due to the proposed number of turbines (15), I have also enclosed a report of rare birds documented within 10 miles of the project site, and rare bats documented within 40 miles of the project site, for use in assessing potential impacts of bird and bat collisions. For information on NYSDEC's environmental review of proposed wind energy projects, and for the document Guidelines for Conducting Bird and Bat Studies at Commercial Wind Energy Projects, please contact the Bureau of Ecosystem Health at: [fw.ecohealth@dec.ny.gov](mailto:fw.ecohealth@dec.ny.gov)

For most sites, comprehensive field surveys have not been conducted; the enclosed report only includes records from our database. We cannot provide a definitive statement as to the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

The presence of the plants and animals identified in the enclosed report may result in this project requiring additional review or permit conditions. For further guidance, and for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the NYS DEC Region 7 Office, Division of Environmental Permits, at [dep.r7@dec.ny.gov](mailto:dep.r7@dec.ny.gov).

Sincerely,



Heidi Krahling  
Environmental Review Specialist  
New York Natural Heritage Program

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This report only includes records from the NY Natural Heritage database.

If any rare plants or animals are documented during site visits, we request that information on the observations be provided to the New York Natural Heritage Program so that we may update our database.

Information about many of the listed animals in New York, including habitat, biology, identification, conservation, and management, are available online in Natural Heritage's Conservation Guides at [www.guides.nynhp.org](http://www.guides.nynhp.org), and from NYSDEC at [www.dec.ny.gov/animals/7494.html](http://www.dec.ny.gov/animals/7494.html).

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\* Conservation status in NYS as ranked by NY Natural Heritage Program on a 1 to 5 scale:

S1 = Critically imperiled

S2 = Imperiled

S3 = Rare or uncommon

S4 = Abundant and apparently secure

S5 = Demonstrably abundant and secure

B after one of the above ranks indicates the status rank is for breeding populations only.

N after one of the above ranks indicates the status rank is for nonbreeding wintering populations only.



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## **APPENDIX C**

### Fall Raptor Migration Survey Observations

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Appendix C: Fall Raptor Migration Survey Observations

Date	Time First Observed	Time Last Observed	Species <sup>1</sup>	Total Number	Number of Males	Number of Females	Number of Adults	Number of Juveniles	Number of Unknown Age	Number of Unknown Sex	Approx Perch Height (ft)	Perch Type	Notes
12/7/2021	1323	1346	RTHA	1	0	0	1	0	0	1	35	Tree	Individual flew to perch from E, eventually flying back in that direction
12/14/2021	1034	1057	RTHA	1	0	0	1	0	0	1	50	Tree	Individual perched along treeline until circling with another RTHA that flew over field

<sup>1</sup>Species codes are based on standardized four-letter AOU alpha codes defined by the Institute for Bird Populations

## **APPENDIX D**

Survey Data Sheets

EDR

## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	175301
Survey Date	08/17/2021
User	Max Baber
Project:	21029 Agricola Wind
Observer Initials:	MDB
Survey Location:	South
Photo to North:	



Photo to East:





Photo to West:



Start Time (24 hour clock, ex: 1422):	0800
End Time (24 hour clock, ex: 1422):	1805
Survey Duration (hr:min):	10:05

Hourly Conditions (at start of each hour block) 1

Survey Hour:	<input checked="" type="checkbox"/>	0800-0900
	<input type="checkbox"/>	0900-1000
	<input type="checkbox"/>	1000-1100
	<input type="checkbox"/>	1100-1200
	<input type="checkbox"/>	1200-1300
	<input type="checkbox"/>	1300-1400
	<input type="checkbox"/>	1400-1500
	<input type="checkbox"/>	1500-1600
	<input type="checkbox"/>	1600-1700



- ☐ 1700-1800  
☐ 1800-1900

Temperature (F):	70
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SE
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	7
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	71
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☒ Overcast = 90-100%

Wind Direction(s): SE

Wind Speed (mph): 4

Precipitation:

☒ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 6

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☒ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 70

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): SE

Wind Speed (mph): 3

Precipitation:

- ☒ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Drizzle 1012-1029

Visibility (miles):

5

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):

74

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s):

SSE

Wind Speed (mph):

4

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 6

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☒ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 75

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 4

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 9

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 77

Cloud Cover (%): ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 5

Precipitation: ☒ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes: Brief drizzle 1246-1255

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 7

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000

- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☒ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F): 79

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 6

- Precipitation:
- ☒ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 8

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500

- ☒ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	81
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	S
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 9

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☒ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	82
------------------	----

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 6

Precipitation:

☒ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes: Thunder from Northwest; drizzle at 1637

### Hourly Conditions (at start of each hour block) 10

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☒ 1700-1800

☐ 1800-1900

Temperature (F): 83

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%



Wind Direction(s):	S
Wind Speed (mph):	7
Precipitation:	<input checked="" type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	11
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 11

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input checked="" type="checkbox"/> 1800-1900
Temperature (F):	84
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	S
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain

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EDR

## 21029 Agricola Wind Checklist

## Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	175476
Survey Date	08/18/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North
Photo to North:	



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Start Time (24 hour clock, ex: 1422):

0800

End Time (24 hour clock, ex: 1422):

1804

Survey Duration (hr:min):

10:04

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

☐

1700-1800

☐

1800-1900

Temperature (F):

71

Cloud Cover (%):

☐

Clear = 0-10%

☐

Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☒ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 6

Precipitation:

☐ Drizzle

☐ Hail

☒ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 2

Survey Hour:

☐ 0800-0900

☒ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 72

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 6

Precipitation:

- ☐ Drizzle  
☐ Hail  
☒ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 5

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☒ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 74

Cloud Cover (%):  
☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 8

Precipitation:

- ☐ Drizzle  
☐ Hail  
☒ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☒ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 75

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 8

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☒ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10



## Hourly Conditions (at start of each hour block) 5

Survey Hour: ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☒ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 75

Cloud Cover (%): ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): SE

Wind Speed (mph): 4

Precipitation: ☐ Drizzle  
☐ Hail  
☒ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 6

Survey Hour: ☐ 0800-0900  
☐ 0900-1000



- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☒ 1300-1400
- ☐ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F):	76
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	ESE
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 7

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☒ 1400-1500

- ☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	77
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	ESE
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 8

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☒ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	79
------------------	----

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): E

Wind Speed (mph): 5

Precipitation:

☐ Drizzle

☐ Hail

☒ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 9

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☒ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 78

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s):	E
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 10

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input checked="" type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	77
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	E
Wind Speed (mph):	7
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain

- ☐ Sleet
- ☐ Snow
- ☐ Thick Fog
- ☐ Mist
- ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 6

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 11

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☒ 1800-1900

Temperature (F): 77

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): E

Wind Speed (mph): 7

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☒ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in 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.

EDR

## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	176929
Survey Date	08/24/2021
User	Max Baber
Project:	21029 Agricola Wind
Observer Initials:	MDB
Survey Location:	South
Photo to North:	



N

Photo to East:



E





S



W

Start Time (24 hour clock, ex: 1422): 0755

End Time (24 hour clock, ex: 1422): 1755

Survey Duration (hr:min): 10:00

Hourly Conditions (at start of each hour block) 1

Survey Hour:

<input checked="" type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100
<input type="checkbox"/>	1100-1200
<input type="checkbox"/>	1200-1300
<input type="checkbox"/>	1300-1400
<input type="checkbox"/>	1400-1500
<input type="checkbox"/>	1500-1600

- ☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	68
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NW
Wind Speed (mph):	2
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	9
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 2

- Survey Hour:
- ☐ 0800-0900  
☒ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	71
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10%

- ☐ Mostly Clear = 10-25%
- ☒ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s):	NW
Wind Speed (mph):	5
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 3

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input checked="" type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	74
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	WNW

Wind Speed (mph):	6	REDACTED - Permit Application No. 23-00064
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	11	
Misc. Hourly Notes:		

Hourly Conditions (at start of each hour block) 4

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input checked="" type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900	
Temperature (F):	77	
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%	
Wind Direction(s):	WNW	
Wind Speed (mph):	6	
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet	

- ☐ Snow
- ☐ Thick Fog
- ☐ Mist
- ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 11

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☒ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 79

- Cloud Cover (%):
- ☒ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 6

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/

Visibility (miles): 11

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100
<input type="checkbox"/>	1100-1200
<input type="checkbox"/>	1200-1300
<input checked="" type="checkbox"/>	1300-1400
<input type="checkbox"/>	1400-1500
<input type="checkbox"/>	1500-1600
<input type="checkbox"/>	1600-1700
<input type="checkbox"/>	1700-1800
<input type="checkbox"/>	1800-1900

Temperature (F): 82

Cloud Cover (%):

<input checked="" type="checkbox"/>	Clear = 0-10%
<input type="checkbox"/>	Mostly Clear = 10-25%
<input type="checkbox"/>	Partly Cloudy = 25-50%
<input type="checkbox"/>	Mostly Cloudy = 50-90%
<input type="checkbox"/>	Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 5

Precipitation:

<input type="checkbox"/>	Drizzle
<input type="checkbox"/>	Hail
<input type="checkbox"/>	Rain
<input type="checkbox"/>	Sleet
<input type="checkbox"/>	Snow
<input type="checkbox"/>	Thick Fog
<input type="checkbox"/>	Mist
<input type="checkbox"/>	Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 13

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 7



Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☒ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

REDACTED - Permit Application No. 23-00064

Temperature (F): 83

Cloud Cover (%): ☒ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 4

Precipitation: ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 13

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 8

Survey Hour: ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300

- ☐ 1300-1400  
☐ 1400-1500  
☒ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 83

Cloud Cover (%): ☒ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 5

Precipitation: ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 14

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 9

- Survey Hour: ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☒ 1600-1700  
☐ 1700-1800



☐ 1800-1900

Temperature (F): 85

Cloud Cover (%):

☒ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 5

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 14

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 10

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☒ 1700-1800

☐ 1800-1900

Temperature (F): 85

Cloud Cover (%):

☒ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%



- ☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s):	NW
Wind Speed (mph):	4
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	14
Misc. Hourly Notes:	
Incidental Species (Alpha Codes):	AMCR, BLJA, BAOR, AMGO, BCCH, BOBO, MODO, SAVS, EAPH, NOFL, EAWP, PIWO, CEDW, CORA, BARS, RTHU, TRES
General Survey Notes:	Usual survey location near road flooded, moved 20m west

EDR

## 21029 Agricola Wind Checklist

## Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	176825
Survey Date	08/25/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North
Photo to North:	



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.



Start Time (24 hour clock, ex: 1422): 0800

End Time (24 hour clock, ex: 1422): 1753

Survey Duration (hr:min): 09:53

Hourly Conditions (at start of each hour block) 1

Survey Hour:

<input checked="" type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100
<input type="checkbox"/>	1100-1200
<input type="checkbox"/>	1200-1300
<input type="checkbox"/>	1300-1400
<input type="checkbox"/>	1400-1500
<input type="checkbox"/>	1500-1600
<input type="checkbox"/>	1600-1700
<input type="checkbox"/>	1700-1800
<input type="checkbox"/>	1800-1900

Temperature (F): 73

Cloud Cover (%):

<input type="checkbox"/>	Clear = 0-10%
<input checked="" type="checkbox"/>	Mostly Clear = 10-25%
<input type="checkbox"/>	Partly Cloudy = 25-50%

- ☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s):	SW
Wind Speed (mph):	3
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	76
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input checked="" type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SW
Wind Speed (mph):	5
Precipitation:	<input type="checkbox"/> Drizzle

- ☐ Hail
- ☐ Rain
- ☐ Sleet
- ☐ Snow
- ☐ Thick Fog
- ☐ Mist
- ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☒ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 79

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☒ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): N

Wind Speed (mph): 5

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog

- ☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☒ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 83

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☒ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 5

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:



### Hourly Conditions (at start of each hour block) 5

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100
<input type="checkbox"/>	1100-1200
<input checked="" type="checkbox"/>	1200-1300
<input type="checkbox"/>	1300-1400
<input type="checkbox"/>	1400-1500
<input type="checkbox"/>	1500-1600
<input type="checkbox"/>	1600-1700
<input type="checkbox"/>	1700-1800
<input type="checkbox"/>	1800-1900

Temperature (F): 86

Cloud Cover (%):

<input type="checkbox"/>	Clear = 0-10%
<input type="checkbox"/>	Mostly Clear = 10-25%
<input checked="" type="checkbox"/>	Partly Cloudy = 25-50%
<input type="checkbox"/>	Mostly Cloudy = 50-90%
<input type="checkbox"/>	Overcast = 90-100%

Wind Direction(s): W

Wind Speed (mph): 6

Precipitation:

<input type="checkbox"/>	Drizzle
<input type="checkbox"/>	Hail
<input type="checkbox"/>	Rain
<input type="checkbox"/>	Sleet
<input type="checkbox"/>	Snow
<input type="checkbox"/>	Thick Fog
<input type="checkbox"/>	Mist
<input type="checkbox"/>	Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 6

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100

- ☐ 1100-1200
- ☐ 1200-1300
- ☒ 1300-1400
- ☐ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F):

Cloud Cover (%):

- ☐ Clear = 0-10%
- ☐ Mostly Clear = 10-25%
- ☒ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s):

Wind Speed (mph):

Precipitation:

- ☐ Drizzle
- ☐ Hail
- ☐ Rain
- ☐ Sleet
- ☐ Snow
- ☐ Thick Fog
- ☐ Mist
- ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 7

Survey Hour:

- ☐ 0800-0900
- ☐ 0900-1000
- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☒ 1400-1500
- ☐ 1500-1600

- ☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	88
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SW
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 8

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input checked="" type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	89
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10%



- ☐ Mostly Clear = 10-25%
- ☒ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s):	SW
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 9

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input checked="" type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	90
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SW

Wind Speed (mph):	6	REDACTED - Permit Application No. 23-00064
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		

Hourly Conditions (at start of each hour block) 10

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input checked="" type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900	
Temperature (F):	89	
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%	
Wind Direction(s):	SW	
Wind Speed (mph):	6	
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet	

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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## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	177991
Survey Date	08/31/2021
User	Max Baber
Project:	21029 Agricola Wind
Observer Initials:	MDB
Survey Location:	South
Photo to North:	



Photo to East:





Photo to West:



Start Time (24 hour clock, ex: 1422): 0757

End Time (24 hour clock, ex: 1422): 1747

Survey Duration (hr:min): 9:50

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700



- ☐ 1700-1800  
☐ 1800-1900

Temperature (F):	64
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NNE
Wind Speed (mph):	1
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	66
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s):	WSW
Wind Speed (mph):	2
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 3

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input checked="" type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	72
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	WSW
Wind Speed (mph):	3

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 11

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 74

- Cloud Cover (%):  
☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): WSW

Wind Speed (mph): 4

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 12

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☒ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 76

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): WSW

Wind Speed (mph): 4

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 13

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 77

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): W

Wind Speed (mph): 6

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 14

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 7

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000



- ☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☒ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 76

Cloud Cover (%):  
☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): W

Wind Speed (mph): 6

Precipitation:  
☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
 Precipitation Notes:

Visibility (miles): 14

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 8

Survey Hour:  
☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500

- ☒ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	79
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	WNW
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	14
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 9

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☒ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	79
------------------	----

Cloud Cover (%):

☐ Clear = 0-10%

☒ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 6

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 14

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 10

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☒ 1700-1800

☐ 1800-1900

Temperature (F): 78

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☒ Mostly Cloudy = 50-90%

☐ Overcast = 90-100%



Wind Direction(s):	WNW	REDACTED - Permit Application No. 23-00064
Wind Speed (mph):	5	
Precipitation:	<div><input type="checkbox"/> Drizzle</div> <div><input type="checkbox"/> Hail</div> <div><input type="checkbox"/> Rain</div> <div><input type="checkbox"/> Sleet</div> <div><input type="checkbox"/> Snow</div> <div><input type="checkbox"/> Thick Fog</div> <div><input type="checkbox"/> Mist</div> <div><input type="checkbox"/> Other (write in notes)</div>	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	13	
Misc. Hourly Notes:		
Incidental Species (Alpha Codes):	AMCR, AMRO, AMGO, HOWR, LEYE, SAVS, CORA, TRES, RTHU, BLJA, CEDW, CHSW	
General Survey Notes:	Survey location still flooded	

EDR

## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	178214
Survey Date	09/01/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North
Photo to North:	



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Start Time (24 hour clock, ex: 1422):

0800

End Time (24 hour clock, ex: 1422):

1741

Survey Duration (hr:min):

0941

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

☐

1700-1800

☐

1800-1900

Temperature (F):

64

Cloud Cover (%):

☐

Clear = 0-10%

☐

Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☒ Overcast = 90-100%

Wind Direction(s): ENE

Wind Speed (mph): 6

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 2

Survey Hour:

☐ 0800-0900

☒ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 67

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): ENE

Wind Speed (mph): 6

Precipitation:

- ☐ Drizzle
- ☐ Hail
- ☐ Rain
- ☐ Sleet
- ☐ Snow
- ☐ Thick Fog
- ☐ Mist
- ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

Survey Hour:

- ☐ 0800-0900
- ☐ 0900-1000
- ☒ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☐ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F): 67

Cloud Cover (%):

- ☐ Clear = 0-10%
- ☐ Mostly Clear = 10-25%
- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☒ Overcast = 90-100%

Wind Direction(s): ENE

Wind Speed (mph): 7

Precipitation:

- ☐ Drizzle
- ☐ Hail
- ☐ Rain
- ☐ Sleet
- ☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☒ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 68

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): ENE

Wind Speed (mph): 6

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

## Hourly Conditions (at start of each hour block) 5

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☒ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 68

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): ENE

Wind Speed (mph): 7

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000



- ☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 70

- Cloud Cover (%):
- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): ENE

Wind Speed (mph): 7

- Precipitation:
- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
 Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 7

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☒ 1400-1500

- ☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 69

Cloud Cover (%):  
☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): ENE

Wind Speed (mph): 7

Precipitation:  
☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 8

Survey Hour:  
☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☒ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 69

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): ENE

Wind Speed (mph): 7

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 9

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☒ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 67

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s):	NNE
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 10

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input checked="" type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	67
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NNE
Wind Speed (mph):	7
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain

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## 21029 Agricola Wind Checklist

## Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	179432
Survey Date	09/08/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North
Photo to North:	



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.



Start Time (24 hour clock, ex: 1422):

0800

End Time (24 hour clock, ex: 1422):

1728

Survey Duration (hr:min):

09:28

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

☐

1700-1800

☐

1800-1900

Temperature (F):

68

Cloud Cover (%):

☐

Clear = 0-10%

☐

Mostly Clear = 10-25%



- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☒ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 12

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 2

Survey Hour:

☐ 0800-0900

☒ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 73

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☒ Mostly Cloudy = 50-90%

☐ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 14

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☒ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 74

- Cloud Cover (%):  
☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 14

- Precipitation:  
☒ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes: very light drizzle for a couple minutes.

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 74

- Cloud Cover (%):
- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 14

- Precipitation:
- ☒ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes: light drizzle

Visibility (miles): 10

## Hourly Conditions (at start of each hour block) 5

Survey Hour: ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☒ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 75

Cloud Cover (%): ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 15

Precipitation: ☒ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes: light drizzle for most or the hour

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 6

Survey Hour: ☐ 0800-0900  
☐ 0900-1000



- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☒ 1300-1400
- ☐ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F):	74
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SSW
Wind Speed (mph):	14
Precipitation:	<input checked="" type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	light drizzle most of the hour heavier rain starting at 1326
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 7

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☒ 1400-1500

- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F):	73
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SW
Wind Speed (mph):	16
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 8

- Survey Hour:
- ☐ 0800-0900
- ☐ 0900-1000
- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☐ 1400-1500
- ☒ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F):	71
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Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): SW

Wind Speed (mph): 16

Precipitation:

☐ Drizzle

☐ Hail

☒ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 9

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☒ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 71

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s):	SSW
Wind Speed (mph):	15
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 10

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input checked="" type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	69
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	WSW
Wind Speed (mph):	15
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain



**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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## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	179812
Survey Date	09/10/2021
User	Max Baber
Project:	21029 Agricola Wind
Observer Initials:	MDB
Survey Location:	South
Photo to North:	



Photo to East:





Photo to West:



Start Time (24 hour clock, ex: 1422): 0800

End Time (24 hour clock, ex: 1422): 1730

Survey Duration (hr:min): 9:30

Hourly Conditions (at start of each hour block) 1

Survey Hour:	<input checked="" type="checkbox"/>	0800-0900
	<input type="checkbox"/>	0900-1000
	<input type="checkbox"/>	1000-1100
	<input type="checkbox"/>	1100-1200
	<input type="checkbox"/>	1200-1300
	<input type="checkbox"/>	1300-1400
	<input type="checkbox"/>	1400-1500
	<input type="checkbox"/>	1500-1600
	<input type="checkbox"/>	1600-1700

- ☐ 1700-1800  
☐ 1800-1900

Temperature (F):	55
Cloud Cover (%):	<input checked="" type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NW
Wind Speed (mph):	4
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	57
Cloud Cover (%):	<input checked="" type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s):	NW
Wind Speed (mph):	5
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 3

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input checked="" type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	61
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input checked="" type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NW
Wind Speed (mph):	7

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 11

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 4

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 65

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 7

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 12

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☒ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 66

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☒ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): NNW

Wind Speed (mph): 8

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 14

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 68

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 8

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 14

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 7

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000



- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☒ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F): 67

Cloud Cover (%):

- ☐ Clear = 0-10%
- ☐ Mostly Clear = 10-25%
- ☐ Partly Cloudy = 25-50%
- ☒ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 8

Precipitation:

- ☐ Drizzle
- ☐ Hail
- ☐ Rain
- ☐ Sleet
- ☐ Snow
- ☐ Thick Fog
- ☐ Mist
- ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 13

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 8

Survey Hour:

- ☐ 0800-0900
- ☐ 0900-1000
- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☐ 1400-1500

- ☒ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	68
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NW
Wind Speed (mph):	8
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	14
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 9

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☒ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	69
------------------	----

Cloud Cover (%):

☐ Clear = 0-10%

☒ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☐ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 8

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 15

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 10

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☒ 1700-1800

☐ 1800-1900

Temperature (F): 69

Cloud Cover (%):

☒ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☐ Overcast = 90-100%

Wind Direction(s):	NW	REDACTED - Permit Application No. 23-00064
Wind Speed (mph):	6	
Precipitation:	<div><input type="checkbox"/> Drizzle</div> <div><input type="checkbox"/> Hail</div> <div><input type="checkbox"/> Rain</div> <div><input type="checkbox"/> Sleet</div> <div><input type="checkbox"/> Snow</div> <div><input type="checkbox"/> Thick Fog</div> <div><input type="checkbox"/> Mist</div> <div><input type="checkbox"/> Other (write in notes)</div>	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	14	
Misc. Hourly Notes:		
Incidental Species (Alpha Codes):	PIWO, EAPH, AMCR, CORA, NOCA, RBNU, EAWP, BLJA, AMRO, SWTH, DOWO, AMGO, BCCH, NOFL, MODO	
General Survey Notes:		

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## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	180203
Survey Date	09/14/2021
User	Max Baber
Project:	21029 Agricola Wind
Observer Initials:	MDB
Survey Location:	South
Photo to North:	



Photo to East:





Photo to West:



Start Time (24 hour clock, ex: 1422): 0800

End Time (24 hour clock, ex: 1422): 1720

Survey Duration (hr:min): 9:20

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

- ☐ 1700-1800  
☐ 1800-1900

Temperature (F):	63
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	ESE
Wind Speed (mph):	2
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	65
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☒ Overcast = 90-100%

Wind Direction(s): SE

Wind Speed (mph): 3

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☒ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 68

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 5



Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 4

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 72

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 6

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☒ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 75

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 7

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 78

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 7

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 7

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000

- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☒ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F): 80

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☒ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 7

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 11

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 8

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500

- ☒ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	82
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	S
Wind Speed (mph):	8
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	12
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 9

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☒ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	82
------------------	----

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☒ Mostly Cloudy = 50-90%

☐ Overcast = 90-100%

Wind Direction(s): SSW

Wind Speed (mph): 8

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 13

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 10

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☒ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 80

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s):	SSW	REDACTED - Permit Application No. 23-00064
Wind Speed (mph):	7	
Precipitation:	<div><input type="checkbox"/> Drizzle</div> <div><input type="checkbox"/> Hail</div> <div><input type="checkbox"/> Rain</div> <div><input type="checkbox"/> Sleet</div> <div><input type="checkbox"/> Snow</div> <div><input type="checkbox"/> Thick Fog</div> <div><input type="checkbox"/> Mist</div> <div><input type="checkbox"/> Other (write in notes)</div>	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	12	
Misc. Hourly Notes:		
Incidental Species (Alpha Codes):	AMCR, AMGO, AMRO, BLJA, PIWO, MODO	
General Survey Notes:	Slow day due to high, persistent south winds.	

EDR

## 21029 Agricola Wind Checklist

## Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	180778
Survey Date	09/15/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North
Photo to North:	





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.



Start Time (24 hour clock, ex: 1422):

0800

End Time (24 hour clock, ex: 1422):

1716

Survey Duration (hr:min):

0916

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

☐

1700-1800

☐

1800-1900

Temperature (F):

69

Cloud Cover (%):

☐

Clear = 0-10%

☐

Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☒ Overcast = 90-100%

Wind Direction(s): SW

Wind Speed (mph): 7

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 2

Survey Hour:

☐ 0800-0900

☒ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 72

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☒ Mostly Cloudy = 50-90%

☐ Overcast = 90-100%

Wind Direction(s): SW

Wind Speed (mph): 8

Precipitation:

- ☒ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☒ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 74

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): SW

Wind Speed (mph): 8

Precipitation:

- ☒ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☒ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 76

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): SW

Wind Speed (mph): 8

- Precipitation:
- ☒ Drizzle
  - ☐ Hail
  - ☒ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes: light drizzle for most of the hour with periods of heavier rain

Visibility (miles): 10

## Hourly Conditions (at start of each hour block) 5

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☒ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 75

- Cloud Cover (%): ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): WSW

Wind Speed (mph): 7

- Precipitation: ☒ Drizzle  
☐ Hail  
☒ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000

- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☒ 1300-1400
- ☐ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F):	73
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	W
Wind Speed (mph):	7
Precipitation:	<input checked="" type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input checked="" type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	periods of drizzle and rain lasted the whole hour with fog rolling in from the W at about 1335.
Visibility (miles):	1
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 7

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☒ 1400-1500

- ☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	71
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	WNW
Wind Speed (mph):	7
Precipitation:	<input checked="" type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input checked="" type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	Heavy rain began at 1415 and lasted for most of the hour.
Visibility (miles):	1
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 8

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☒ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	71
------------------	----



Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 7

Precipitation:

☒ Drizzle

☐ Hail

☒ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 1

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 9

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☒ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 69

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s):	W
Wind Speed (mph):	9
Precipitation:	<input checked="" type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

**Hourly Conditions (at start of each hour block) 10**

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input checked="" type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	68
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NW
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain

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## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	181244
Survey Date	09/20/2021
User	Max Baber
Project:	21029 Agricola Wind
Observer Initials:	MDB
Survey Location:	South
Photo to North:	



Photo to East:





Photo to West:



Start Time (24 hour clock, ex: 1422): 0800

End Time (24 hour clock, ex: 1422): 1707

Survey Duration (hr:min): 9:07

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

- ☐ 1700-1800  
☐ 1800-1900

Temperature (F):	51
Cloud Cover (%):	<input checked="" type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	E
Wind Speed (mph):	3
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	11
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	57
Cloud Cover (%):	<input checked="" type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s): SE

Wind Speed (mph): 5

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 11

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☒ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 62

Cloud Cover (%):

☒ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☐ Overcast = 90-100%

Wind Direction(s): SE

Wind Speed (mph): 6

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 12

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 4

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 70

Cloud Cover (%):

- ☐ Clear = 0-10%  
☒ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 7

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow



- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 13

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☒ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 73

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☒ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 7

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 13

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 74

Cloud Cover (%):

- ☐ Clear = 0-10%  
☒ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 7

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 14

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 7

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000

- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☒ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F): 76

Cloud Cover (%):

- ☐ Clear = 0-10%
- ☒ Mostly Clear = 10-25%
- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 7

Precipitation:

- ☐ Drizzle
- ☐ Hail
- ☐ Rain
- ☐ Sleet
- ☐ Snow
- ☐ Thick Fog
- ☐ Mist
- ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 15

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 8

Survey Hour:

- ☐ 0800-0900
- ☐ 0900-1000
- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☐ 1400-1500

- ☒ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	77
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SSE
Wind Speed (mph):	7
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	14
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 9

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☒ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	78
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Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☒ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☐ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 7

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 14

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 10

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☒ 1700-1800

☐ 1800-1900

Temperature (F): 75

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☒ Mostly Cloudy = 50-90%

☐ Overcast = 90-100%

Wind Direction(s):	SSE	REDACTED - Permit Application No. 23-00064
Wind Speed (mph):	7	
Precipitation:	<div><input type="checkbox"/> Drizzle</div> <div><input type="checkbox"/> Hail</div> <div><input type="checkbox"/> Rain</div> <div><input type="checkbox"/> Sleet</div> <div><input type="checkbox"/> Snow</div> <div><input type="checkbox"/> Thick Fog</div> <div><input type="checkbox"/> Mist</div> <div><input type="checkbox"/> Other (write in notes)</div>	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	14	
Misc. Hourly Notes:		
Incidental Species (Alpha Codes):	MODO, NOFL, AMCR, BLJA, AMGO, BCCH, MODO	
General Survey Notes:	Persistent south winds.	

EDR

## 21029 Agricola Wind Checklist

## Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	182043
Survey Date	09/22/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North
Photo to North:	



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.





Start Time (24 hour clock, ex: 1422):

0800

End Time (24 hour clock, ex: 1422):

1703

Survey Duration (hr:min):

0903

Hourly Conditions (at start of each hour block) 1

- Survey Hour:
- ☒

0800-0900
- ☐

0900-1000
- ☐

1000-1100
- ☐

1100-1200
- ☐

1200-1300
- ☐

1300-1400
- ☐

1400-1500
- ☐

1500-1600
- ☐

1600-1700
- ☐

1700-1800
- ☐

1800-1900

Temperature (F):

64

- Cloud Cover (%):
- ☐

Clear = 0-10%
- ☐

Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☒ Overcast = 90-100%

Wind Direction(s):	SE
Wind Speed (mph):	11
Precipitation:	<input checked="" type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	light drizzle on and off
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	68
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SE
Wind Speed (mph):	13

Precipitation:

- ☒ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

light drizzle on and off

Visibility (miles):

10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 3

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☒ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):

70

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s):

SE

Wind Speed (mph):

12

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☒ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 69

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 13

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

## Hourly Conditions (at start of each hour block) 5

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☒ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 72

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 13

Precipitation:

- ☒ Drizzle  
☐ Hail  
☒ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes: 10

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000

- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☒ 1300-1400
- ☐ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F): 73

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 13

- Precipitation:
- ☒ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 7

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☒ 1400-1500

- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F): 73

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 10

Precipitation:

☒ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 8

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☒ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 72

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 12

Precipitation:

☒ Drizzle

☐ Hail

☒ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 9

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☒ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 72

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%



Wind Direction(s):	SSE
Wind Speed (mph):	14
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 10

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input checked="" type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	71
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SSE
Wind Speed (mph):	15
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain

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EDR

## 21029 Agricola Wind Checklist

## Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	183260
Survey Date	09/28/2021
User	Max Baber
Project:	21029 Agricola Wind
Observer Initials:	MDB
Survey Location:	South
Photo to North:	



Photo to East:





Photo to West:



Start Time (24 hour clock, ex: 1422): 0800

End Time (24 hour clock, ex: 1422): 1650

Survey Duration (hr:min): 8:50

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

- ☐ 1700-1800  
☐ 1800-1900

Temperature (F):	64
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	WNW
Wind Speed (mph):	1
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	9
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	63
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☒ Overcast = 90-100%

Wind Direction(s):	WNW
Wind Speed (mph):	3
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 3

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input checked="" type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
--------------	---

Temperature (F):	64
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	WNW
Wind Speed (mph):	3

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 11

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 63

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 4

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 12

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☒ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 64

- Cloud Cover (%):
- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 4

- Precipitation:
- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 15



## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 65

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 5

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 17

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 7

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000



- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☒ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F):	66
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	WNW
Wind Speed (mph):	7
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	21
Misc. Hourly Notes:	

**Hourly Conditions (at start of each hour block) 8**

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500
--------------	--

- ☒ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	66
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	WNW
Wind Speed (mph):	7
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	12
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 9

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☒ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	68
------------------	----

Cloud Cover (%):

☐

Clear = 0-10%

☐

Mostly Clear = 10-25%

☒

Partly Cloudy = 25-50%

☐

Mostly Cloudy = 50-90%

☐

Overcast = 90-100%

REDACTED - Permit Application No. 23-00064

Wind Direction(s):

WNW

Wind Speed (mph):

7

Precipitation:

☐

Drizzle

☐

Hail

☐

Rain

☐

Sleet

☐

Snow

☐

Thick Fog

☐

Mist

☐

Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles):

23

Misc. Hourly Notes:

Incidental Species (Alpha  
Codes):

AMCR, MODO, AMRO, BLJA, CANG, DOWO, EABL, BCCH, SAVS

General Survey Notes:

EDR

## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	183960
Survey Date	09/29/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North
Photo to North:	





Photo to South:





Start Time (24 hour clock, ex: 1422):

0800

End Time (24 hour clock, ex: 1422):

1651

Survey Duration (hr:min):

0851

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

☐

1700-1800

☐

1800-1900

Temperature (F):

50

Cloud Cover (%):

☐

Clear = 0-10%

☐

Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☒ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s):	W
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	53
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	W
Wind Speed (mph):	7



Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 3

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☒ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 56

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): W

Wind Speed (mph): 7

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☒ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 59

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☒ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 9

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

## Hourly Conditions (at start of each hour block) 5

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☒ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 61

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 10

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000



- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☒ 1300-1400
- ☐ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F): 63

Cloud Cover (%):

- ☐ Clear = 0-10%
- ☐ Mostly Clear = 10-25%
- ☐ Partly Cloudy = 25-50%
- ☒ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 12

Precipitation:

- ☐ Drizzle
- ☐ Hail
- ☐ Rain
- ☐ Sleet
- ☐ Snow
- ☐ Thick Fog
- ☐ Mist
- ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 7

Survey Hour:

- ☐ 0800-0900
- ☐ 0900-1000
- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☒ 1400-1500

- ☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	63
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NW
Wind Speed (mph):	12
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 8

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☒ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	64
------------------	----

Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
------------------	--

Wind Direction(s): NW

Wind Speed (mph): 10

Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
----------------	---

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 9

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input checked="" type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
--------------	---

Temperature (F): 63

Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
------------------	--

Wind Direction(s):	NW	REDACTED - Permit Application No. 23-00064
Wind Speed (mph):	9	
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Incidental Species (Alpha Codes):	AMCR, EUST, MODO, NOFL, ROPI, AMRO, AMGO, CANG, SOSP	
General Survey Notes:	The morning was cool at about 50F and mostly cloudy. Temperatures reached about 64F with winds out of the W for most of the day. The 2 corn fields surrounding the survey point were completely cut for the first time this season increasing visibility.	

EDR

## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	184772
Survey Date	10/05/2021
User	Max Baber
Project:	21029 Agricola Wind
Observer Initials:	MDB
Survey Location:	South
Photo to North:	



Photo to East:







Photo to West:



Start Time (24 hour clock, ex: 1422): 0800

End Time (24 hour clock, ex: 1422): 1645

Survey Duration (hr:min): 8:45

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

- ☐ 1700-1800  
☐ 1800-1900

Temperature (F):	61
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	
Wind Speed (mph):	WNW
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input checked="" type="checkbox"/> Thick Fog <input checked="" type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	2
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	63
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☒ Overcast = 90-100%

Wind Direction(s):	NNW
Wind Speed (mph):	2
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input checked="" type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	1
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 3

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input checked="" type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	61
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NNW
Wind Speed (mph):	2

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☒ Thick Fog  
☒ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 1

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 4

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 62

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 2

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☒ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 5

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☒ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 64

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 2

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 6

## Hourly Conditions (at start of each hour block) 6

Survey Hour: ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 64

Cloud Cover (%): ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 3

Precipitation: ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☒ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): .5

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 7

Survey Hour: ☐ 0800-0900  
☐ 0900-1000



- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☒ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F): 64

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 3

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☒ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 1

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 8

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500

- ☒ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 64

- Cloud Cover (%):  
☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 3

- Precipitation:  
☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 1

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 9

- Survey Hour:  
☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☒ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 63



Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): NNW

Wind Speed (mph): 3

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 5

Misc. Hourly Notes:

Incidental Species (Alpha Codes): AMCR, WTSP, PIWO, BLJA, EUST, NOFL, CANG, SOSP

General Survey Notes: Thick fog and mist resulted in little to no visibility for duration of survey.

EDR

## 21029 Agricola Wind Checklist

## Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	185159
Survey Date	10/06/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North
Photo to North:	





Photo to South:





Start Time (24 hour clock, ex: 1422):

0800

End Time (24 hour clock, ex: 1422):

1639

Survey Duration (hr:min):

0839

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

☐

1700-1800

☐

1800-1900

Temperature (F):

59

Cloud Cover (%):

☐

Clear = 0-10%

☐

Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☒ Overcast = 90-100%

Wind Direction(s): NE

Wind Speed (mph): 5

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 2

Survey Hour:

☐ 0800-0900

☒ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 60

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): NE

Wind Speed (mph): 5

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☒ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 62

Cloud Cover (%):  
☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): NE

Wind Speed (mph): 5

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☒ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 64

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): ENE

Wind Speed (mph): 3

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

## Hourly Conditions (at start of each hour block) 5

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☒ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 65

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): ENE

Wind Speed (mph): 3

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000



- ☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 67

Cloud Cover (%):  
☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): ENE

Wind Speed (mph): 4

Precipitation:  
☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
 Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 7

Survey Hour:  
☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☒ 1400-1500

- ☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 69

Cloud Cover (%):  
☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): SE

Wind Speed (mph): 5

Precipitation:  
☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 8

Survey Hour:  
☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 70

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): ESE

Wind Speed (mph): 5

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 9

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☒ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 68

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s):	ESE	REDACTED - Permit Application No. 23-00064
Wind Speed (mph):	4	
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Incidental Species (Alpha Codes):	AMCR, SOSP, ROPI, MODO, EUST, BLJA, CANG, AMGO, BCCH, KILL	
General Survey Notes:	It was an overcast day with light winds from the NE shifting to the SE later in the day. Temperatures reached 70F.	

EDR

## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	186464
Survey Date	10/12/2021
User	Max Baber
Project:	21029 Agricola Wind
Observer Initials:	MDB
Survey Location:	North
Photo to North:	

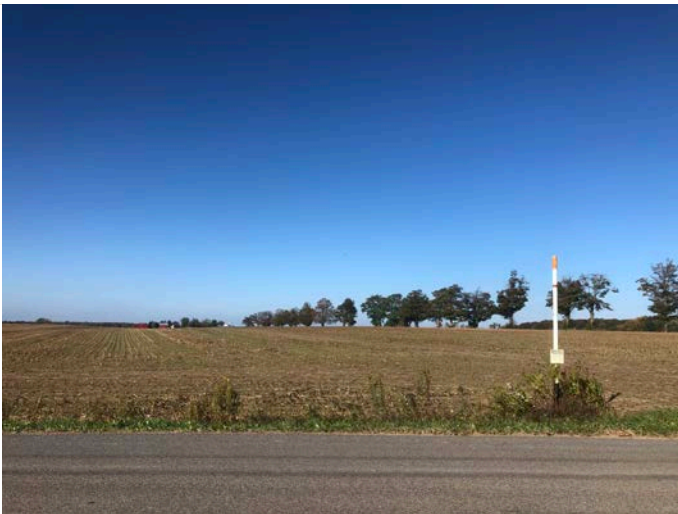


Photo to East:





Photo to West:



Start Time (24 hour clock, ex: 1422): 0812

End Time (24 hour clock, ex: 1422): 1630

Survey Duration (hr:min): 8:18

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

- ☐ 1700-1800  
☐ 1800-1900

Temperature (F):	64
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SSE
Wind Speed (mph):	4
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	65
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☒ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s):	SSE
Wind Speed (mph):	7
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 3

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input checked="" type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	65
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SSE
Wind Speed (mph):	7



Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 68

Cloud Cover (%):

- ☐ Clear = 0-10%  
☒ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 8

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☒ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 69

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☒ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 8

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 72

Cloud Cover (%):

- ☐ Clear = 0-10%  
☒ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 8

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 11

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 7

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000

- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☒ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F):	72
Cloud Cover (%):	<input checked="" type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SSE
Wind Speed (mph):	8
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	11
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 8

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500

- ☒ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 72

- Cloud Cover (%):
- ☒ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 8

- Precipitation:
- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 12

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 9

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☒ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 73

Cloud Cover (%):

☒

Clear = 0-10%

☐

Mostly Clear = 10-25%

☐

Partly Cloudy = 25-50%

☐

Mostly Cloudy = 50-90%

☐

Overcast = 90-100%

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Wind Direction(s):

S

Wind Speed (mph):

8

Precipitation:

☐

Drizzle

☐

Hail

☐

Rain

☐

Sleet

☐

Snow

☐

Thick Fog

☐

Mist

☐

Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles):

11

Misc. Hourly Notes:

Incidental Species (Alpha  
Codes):

AMCR, EUST, CANG, CORA, WTSP, SAVS, DEJU, BLJA, AMRO

General Survey Notes:

Started a little later after relocating from South survey location due to road construction at that site.

EDR

## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	186567
Survey Date	10/13/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	South
Photo to North:	





Photo to South:







Start Time (24 hour clock, ex: 1422): 0800

End Time (24 hour clock, ex: 1422): 1627

Survey Duration (hr:min): 0827

Hourly Conditions (at start of each hour block) 1

- Survey Hour:
- ☒ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 63

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☒ Partly Cloudy = 25-50%

- ☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s):	S
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	65
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	S
Wind Speed (mph):	7
Precipitation:	<input checked="" type="checkbox"/> Drizzle

- ☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes: light drizzle on and off

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☒ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 66

- Cloud Cover (%):
- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 6

- Precipitation:
- ☒ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog

- ☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes: light drizzle on and off

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

Survey Hour:

☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 67

Cloud Cover (%):

☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☒ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 6

Precipitation:

☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☐ 1100-1200

☒ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 69

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☒ Mostly Cloudy = 50-90%

☐ Overcast = 90-100%

Wind Direction(s): SSW

Wind Speed (mph): 6

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 6

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

- ☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 71

- Cloud Cover (%):  
☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): SW

Wind Speed (mph): 6

- Precipitation:  
☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
 Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 7

- Survey Hour:  
☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☒ 1400-1500  
☐ 1500-1600

- ☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	72
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	WSW
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 8

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input checked="" type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	74
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10%

- ☐ Mostly Clear = 10-25%
- ☐ Partly Cloudy = 25-50%
- ☒ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s):	WSW
Wind Speed (mph):	5
Precipitation:	<input checked="" type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 9

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input checked="" type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	73
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(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.

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## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	188355
Survey Date	10/19/2021
User	Max Baber
Project:	21029 Agricola Wind
Observer Initials:	MDB
Survey Location:	South
Photo to North:	



Photo to East:





Photo to West:



Start Time (24 hour clock, ex: 1422): 0800

End Time (24 hour clock, ex: 1422): 1620

Survey Duration (hr:min): 8:20

Hourly Conditions (at start of each hour block) 1

Survey Hour:	<input checked="" type="checkbox"/>	0800-0900
	<input type="checkbox"/>	0900-1000
	<input type="checkbox"/>	1000-1100
	<input type="checkbox"/>	1100-1200
	<input type="checkbox"/>	1200-1300
	<input type="checkbox"/>	1300-1400
	<input type="checkbox"/>	1400-1500
	<input type="checkbox"/>	1500-1600
	<input type="checkbox"/>	1600-1700

- ☐ 1700-1800  
☐ 1800-1900

Temperature (F):	40
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input checked="" type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	WNW
Wind Speed (mph):	2
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	43
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25%

- ☒ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 3

Precipitation:

☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

Survey Hour:

☐ 0800-0900  
☐ 0900-1000  
☒ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 49

Cloud Cover (%):

☐ Clear = 0-10%  
☒ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 6

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 11

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 4

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 54

Cloud Cover (%):

- ☐ Clear = 0-10%  
☒ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 6

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 11

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☒ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 59

- Cloud Cover (%):
- ☒ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 8

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 12

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 60

Cloud Cover (%):

- ☒ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 8

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 13

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 7

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000



- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☒ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F): 61

- Cloud Cover (%):
- ☒ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 8

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 13

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 8

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500

- ☒ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 62

- Cloud Cover (%): ☒ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 8

- Precipitation: ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 14

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 9

- Survey Hour: ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☒ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 63

Cloud Cover (%):

☒

Clear = 0-10%

☐

Mostly Clear = 10-25%

☐

Partly Cloudy = 25-50%

☐

Mostly Cloudy = 50-90%

☐

Overcast = 90-100%

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Wind Direction(s):

W

Wind Speed (mph):

8

Precipitation:

☐

Drizzle

☐

Hail

☐

Rain

☐

Sleet

☐

Snow

☐

Thick Fog

☐

Mist

☐

Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles):

15

Misc. Hourly Notes:

Incidental Species (Alpha  
Codes):

RWBL, RBNU, BLJA, CANG, AMGO, WTSP, AMCR, CORA

General Survey Notes:

Survey location flooded; set up 20m west.

EDR

## 21029 Agricola Wind Checklist

## Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	188784
Survey Date	10/20/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North
Photo to North:	





Photo to South:





Start Time (24 hour clock, ex: 1422):

0800

End Time (24 hour clock, ex: 1422):

1616

Survey Duration (hr:min):

0816

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

☐

1700-1800

☐

1800-1900

Temperature (F):

54

Cloud Cover (%):

☐

Clear = 0-10%

☒

Mostly Clear = 10-25%

☐

Partly Cloudy = 25-50%

- ☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s):	WNW
Wind Speed (mph):	9
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	58
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input checked="" type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	WNW
Wind Speed (mph):	8
Precipitation:	<input type="checkbox"/> Drizzle

- ☐ Hail
- ☐ Rain
- ☐ Sleet
- ☐ Snow
- ☐ Thick Fog
- ☐ Mist
- ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☒ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 60

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☒ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 8

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog



- ☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

Survey Hour:

☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 65

Cloud Cover (%):

☒ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 9

Precipitation:

☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100
<input type="checkbox"/>	1100-1200
<input checked="" type="checkbox"/>	1200-1300
<input type="checkbox"/>	1300-1400
<input type="checkbox"/>	1400-1500
<input type="checkbox"/>	1500-1600
<input type="checkbox"/>	1600-1700
<input type="checkbox"/>	1700-1800
<input type="checkbox"/>	1800-1900

Temperature (F): 68

Cloud Cover (%):

<input checked="" type="checkbox"/>	Clear = 0-10%
<input type="checkbox"/>	Mostly Clear = 10-25%
<input type="checkbox"/>	Partly Cloudy = 25-50%
<input type="checkbox"/>	Mostly Cloudy = 50-90%
<input type="checkbox"/>	Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 10

Precipitation:

<input type="checkbox"/>	Drizzle
<input type="checkbox"/>	Hail
<input type="checkbox"/>	Rain
<input type="checkbox"/>	Sleet
<input type="checkbox"/>	Snow
<input type="checkbox"/>	Thick Fog
<input type="checkbox"/>	Mist
<input type="checkbox"/>	Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 6

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100

- ☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 70

Cloud Cover (%): ☒ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): WNW

Wind Speed (mph): 10

Precipitation: ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 7

Survey Hour: ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☒ 1400-1500  
☐ 1500-1600

- ☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	71
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	W
Wind Speed (mph):	10
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 8

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input checked="" type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	71
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10%



- ☐ Mostly Clear = 10-25%
- ☒ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s):	W
Wind Speed (mph):	10
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 9

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input checked="" type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	69
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	W

Wind Speed (mph):	10	REDACTED - Permit Application No. 23-00064
Precipitation:	<div><input type="checkbox"/> Drizzle</div> <div><input type="checkbox"/> Hail</div> <div><input type="checkbox"/> Rain</div> <div><input type="checkbox"/> Sleet</div> <div><input type="checkbox"/> Snow</div> <div><input type="checkbox"/> Thick Fog</div> <div><input type="checkbox"/> Mist</div> <div><input type="checkbox"/> Other (write in notes)</div>	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Incidental Species (Alpha Codes):	AMCR, EUST, MODO, AMRO, AMGO, CANG, SOSP	
General Survey Notes:	It was a clear day with temperatures reaching about 71F. Winds were out of the WNW and W at 8-10mph for the duration of the survey.	

EDR

## 21029 Agricola Wind Checklist

## Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	189773
Survey Date	10/26/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North
Photo to North:	None
Photo to East:	None
Photo to South:	None
Photo to West:	None
Start Time (24 hour clock, ex: 1422):	0800
End Time (24 hour clock, ex: 1422):	1607
Survey Duration (hr:min):	0807

## Hourly Conditions (at start of each hour block) 1

Survey Hour:	<input checked="" type="checkbox"/> 0800-0900
	<input type="checkbox"/> 0900-1000
	<input type="checkbox"/> 1000-1100
	<input type="checkbox"/> 1100-1200
	<input type="checkbox"/> 1200-1300
	<input type="checkbox"/> 1300-1400
	<input type="checkbox"/> 1400-1500
	<input type="checkbox"/> 1500-1600
	<input type="checkbox"/> 1600-1700
	<input type="checkbox"/> 1700-1800
	<input type="checkbox"/> 1800-1900
Temperature (F):	51
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): NNW

Wind Speed (mph): 10

Precipitation: ☒ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 2

Survey Hour: ☐ 0800-0900  
☒ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 53

Cloud Cover (%): ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): NNW

Wind Speed (mph): 12

Precipitation: ☒ Drizzle  
☐ Hail



- ☒ Rain
- ☐ Sleet
- ☐ Snow
- ☐ Thick Fog
- ☐ Mist
- ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☒ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 54

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 14

- Precipitation:
- ☒ Drizzle
  - ☐ Hail
  - ☒ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☒ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 54

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): NNW

Wind Speed (mph): 13

Precipitation:

☒ Drizzle

☐ Hail

☒ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100
<input type="checkbox"/>	1100-1200
<input checked="" type="checkbox"/>	1200-1300
<input type="checkbox"/>	1300-1400
<input type="checkbox"/>	1400-1500
<input type="checkbox"/>	1500-1600
<input type="checkbox"/>	1600-1700
<input type="checkbox"/>	1700-1800
<input type="checkbox"/>	1800-1900

Temperature (F): 54

Cloud Cover (%):

<input type="checkbox"/>	Clear = 0-10%
<input type="checkbox"/>	Mostly Clear = 10-25%
<input type="checkbox"/>	Partly Cloudy = 25-50%
<input type="checkbox"/>	Mostly Cloudy = 50-90%
<input checked="" type="checkbox"/>	Overcast = 90-100%

Wind Direction(s): NNW

Wind Speed (mph): 14

Precipitation:

<input checked="" type="checkbox"/>	Drizzle
<input type="checkbox"/>	Hail
<input checked="" type="checkbox"/>	Rain
<input type="checkbox"/>	Sleet
<input type="checkbox"/>	Snow
<input type="checkbox"/>	Thick Fog
<input type="checkbox"/>	Mist
<input type="checkbox"/>	Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 6

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100

- ☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 54

- Cloud Cover (%):  
☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): NNW

Wind Speed (mph): 14

- Precipitation:  
☒ Drizzle  
☐ Hail  
☒ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
 Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 7

- Survey Hour:  
☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☒ 1400-1500  
☐ 1500-1600

- ☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	54
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NNW
Wind Speed (mph):	12
Precipitation:	<input checked="" type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 8

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input checked="" type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	54
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10%

- ☐ Mostly Clear = 10-25%
- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☒ Overcast = 90-100%

Wind Direction(s):	NW
Wind Speed (mph):	13
Precipitation:	<input checked="" type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input checked="" type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 9

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input checked="" type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	53
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NNW

Wind Speed (mph):	12	REDACTED - Permit Application No. 23-00064
Precipitation:	<div><div><input checked="" type="checkbox"/></div>Drizzle</div> <div><div><input type="checkbox"/></div>Hail</div> <div><div><input checked="" type="checkbox"/></div>Rain</div> <div><div><input type="checkbox"/></div>Sleet</div> <div><div><input type="checkbox"/></div>Snow</div> <div><div><input type="checkbox"/></div>Thick Fog</div> <div><div><input type="checkbox"/></div>Mist</div> <div><div><input type="checkbox"/></div>Other (write in notes)</div>	

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## 21029 Agricola Wind Checklist

## Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	190181
Survey Date	10/27/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	South
Photo to North:	None
Photo to East:	None
Photo to South:	None
Photo to West:	None
Start Time (24 hour clock, ex: 1422):	0800
End Time (24 hour clock, ex: 1422):	1605
Survey Duration (hr:min):	0805

## Hourly Conditions (at start of each hour block) 1

Survey Hour:	<input checked="" type="checkbox"/> 0800-0900
	<input type="checkbox"/> 0900-1000
	<input type="checkbox"/> 1000-1100
	<input type="checkbox"/> 1100-1200
	<input type="checkbox"/> 1200-1300
	<input type="checkbox"/> 1300-1400
	<input type="checkbox"/> 1400-1500
	<input type="checkbox"/> 1500-1600
	<input type="checkbox"/> 1600-1700
	<input type="checkbox"/> 1700-1800
	<input type="checkbox"/> 1800-1900
Temperature (F):	47
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10%
	<input type="checkbox"/> Mostly Clear = 10-25%
	<input type="checkbox"/> Partly Cloudy = 25-50%
	<input type="checkbox"/> Mostly Cloudy = 50-90%



☒ Overcast = 90-100%

Wind Direction(s): NNE

Wind Speed (mph): 12

Precipitation:

- ☐ Drizzle
- ☐ Hail
- ☐ Rain
- ☐ Sleet
- ☐ Snow
- ☐ Thick Fog
- ☐ Mist
- ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 2

Survey Hour:

- ☐ 0800-0900
- ☒ 0900-1000
- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☐ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F): 48

Cloud Cover (%):

- ☐ Clear = 0-10%
- ☐ Mostly Clear = 10-25%
- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☒ Overcast = 90-100%

Wind Direction(s): N

Wind Speed (mph): 12

Precipitation:

- ☐ Drizzle
- ☐ Hail

- ☐ Rain
- ☐ Sleet
- ☐ Snow
- ☐ Thick Fog
- ☐ Mist
- ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☒ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 49

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): NNW

Wind Speed (mph): 14

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist

☐ Other (write in notes)

 Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100
<input checked="" type="checkbox"/>	1100-1200
<input type="checkbox"/>	1200-1300
<input type="checkbox"/>	1300-1400
<input type="checkbox"/>	1400-1500
<input type="checkbox"/>	1500-1600
<input type="checkbox"/>	1600-1700
<input type="checkbox"/>	1700-1800
<input type="checkbox"/>	1800-1900

Temperature (F): 50

Cloud Cover (%):

<input type="checkbox"/>	Clear = 0-10%
<input type="checkbox"/>	Mostly Clear = 10-25%
<input type="checkbox"/>	Partly Cloudy = 25-50%
<input type="checkbox"/>	Mostly Cloudy = 50-90%
<input checked="" type="checkbox"/>	Overcast = 90-100%

Wind Direction(s): NNW

Wind Speed (mph): 14

Precipitation:

<input type="checkbox"/>	Drizzle
<input type="checkbox"/>	Hail
<input type="checkbox"/>	Rain
<input type="checkbox"/>	Sleet
<input type="checkbox"/>	Snow
<input type="checkbox"/>	Thick Fog
<input type="checkbox"/>	Mist
<input type="checkbox"/>	Other (write in notes)

 Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100
<input type="checkbox"/>	1100-1200
<input checked="" type="checkbox"/>	1200-1300
<input type="checkbox"/>	1300-1400
<input type="checkbox"/>	1400-1500
<input type="checkbox"/>	1500-1600
<input type="checkbox"/>	1600-1700
<input type="checkbox"/>	1700-1800
<input type="checkbox"/>	1800-1900

Temperature (F): 50

Cloud Cover (%):

<input type="checkbox"/>	Clear = 0-10%
<input type="checkbox"/>	Mostly Clear = 10-25%
<input type="checkbox"/>	Partly Cloudy = 25-50%
<input checked="" type="checkbox"/>	Mostly Cloudy = 50-90%
<input type="checkbox"/>	Overcast = 90-100%

Wind Direction(s): NNW

Wind Speed (mph): 15

Precipitation:

<input type="checkbox"/>	Drizzle
<input type="checkbox"/>	Hail
<input type="checkbox"/>	Rain
<input type="checkbox"/>	Sleet
<input type="checkbox"/>	Snow
<input type="checkbox"/>	Thick Fog
<input type="checkbox"/>	Mist
<input type="checkbox"/>	Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 6

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100

- ☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 51

Cloud Cover (%):  
☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): NNW

Wind Speed (mph): 16

Precipitation:  
☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
 Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 7

Survey Hour:  
☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☒ 1400-1500  
☐ 1500-1600

- ☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	51
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NNW
Wind Speed (mph):	16
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 8

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input checked="" type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	51
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10%

- ☐ Mostly Clear = 10-25%
- ☐ Partly Cloudy = 25-50%
- ☒ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s):	NNW
Wind Speed (mph):	16
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 9

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input checked="" type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	50
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NNW

Wind Speed (mph):	15	REDACTED - Permit Application No. 23-00064
Precipitation:	<div><input type="checkbox"/> Drizzle</div> <div><input type="checkbox"/> Hail</div> <div><input type="checkbox"/> Rain</div> <div><input type="checkbox"/> Sleet</div> <div><input type="checkbox"/> Snow</div> <div><input type="checkbox"/> Thick Fog</div> <div><input type="checkbox"/> Mist</div> <div><input type="checkbox"/> Other (write in notes)</div>	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Incidental Species (Alpha Codes):	AMCR, CANG, MODO, EUST, BCCH, SOSP, AMRO, BLJA, CORA	
General Survey Notes:	It was a windy day with NNW winds at 12-16mph. Temperatures reached about 51F with overcast skies in the morning leading to a mostly cloudy afternoon.	



EDR

## 21029 Agricola Wind Checklist

## Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	190862
Survey Date	11/01/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North
Photo to North:	





Photo to South:





Start Time (24 hour clock, ex: 1422):

0800

End Time (24 hour clock, ex: 1422):

1559

Survey Duration (hr:min):

0759

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

☐

1700-1800

☐

1800-1900

Temperature (F):

43

Cloud Cover (%):

☐

Clear = 0-10%

☐

Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☒ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s):	W
Wind Speed (mph):	12
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	44
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	W
Wind Speed (mph):	12

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☒ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 46

- Cloud Cover (%):  
☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): W

Wind Speed (mph): 14

- Precipitation:  
☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 47

- Cloud Cover (%):
- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☒ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): W

Wind Speed (mph): 15

- Precipitation:
- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

## Hourly Conditions (at start of each hour block) 5

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☒ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 49

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☒ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): W

Wind Speed (mph): 15

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000

- ☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 49

- Cloud Cover (%):
- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☒ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): W

Wind Speed (mph): 15

- Precipitation:
- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
 Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 7

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☒ 1400-1500



- ☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	50
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	W
Wind Speed (mph):	15
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 8

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☒ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	50
------------------	----

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☒ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☐ Overcast = 90-100%

Wind Direction(s): W

Wind Speed (mph): 15

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

Incidental Species (Alpha Codes): AMCR, CANG, AMRO, SOSP, EUST, MODO, CORA

General Survey Notes: It was a windy day with W winds at about 15mph for the duration of the survey. Temperatures reached 55F with partly or mostly cloudy skies. There were a fair number of TUVU spotted and most were seen fighting and struggling in the strong winds.

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## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	191986
Survey Date	11/05/2021
User	Max Baber
Project:	21029 Agricola Wind
Observer Initials:	MDB
Survey Location:	South
Photo to North:	



Photo to East:





Photo to West:



Start Time (24 hour clock, ex: 1422): 0800

End Time (24 hour clock, ex: 1422): 1600

Survey Duration (hr:min): 8:00

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

- ☐ 1700-1800  
☐ 1800-1900

Temperature (F):	29
Cloud Cover (%):	<input checked="" type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	E
Wind Speed (mph):	2
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	32
Cloud Cover (%):	<input checked="" type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s): E

Wind Speed (mph): 2

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 9

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☒ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 34

Cloud Cover (%):

☒ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☐ Overcast = 90-100%

Wind Direction(s): 1

Wind Speed (mph): ESE



Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 4

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 39

Cloud Cover (%):

- ☒ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): W

Wind Speed (mph): 2

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow



- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 11

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☒ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 44

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☒ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): W

Wind Speed (mph): 3

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 12



## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 44

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): W

Wind Speed (mph): 3

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 12

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 7

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000

- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☒ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F): 44

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☒ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): E

Wind Speed (mph): 2

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 12

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 8

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500

- ☒ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	45
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	E
Wind Speed (mph):	3
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	12
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 9

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☒ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	45
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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.

EDR

## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	191840
Survey Date	11/08/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North
Photo to North:	

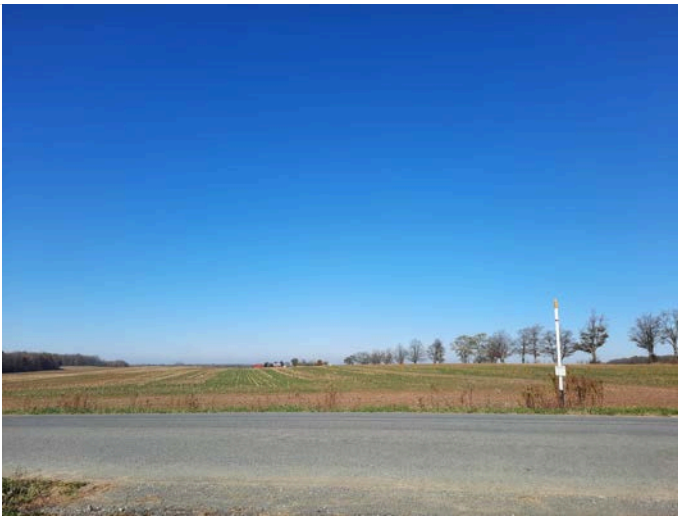


Photo to East:





Photo to West:



Start Time (24 hour clock, ex: 1422): 0800

End Time (24 hour clock, ex: 1422): 1450

Survey Duration (hr:min): 0650

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

- ☐ 1700-1800  
☐ 1800-1900

Temperature (F):	39
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input checked="" type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	E
Wind Speed (mph):	1
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	44
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input checked="" type="checkbox"/> Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s):	ESE
Wind Speed (mph):	2
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 3

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input checked="" type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	49
Cloud Cover (%):	<input checked="" type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SSE
Wind Speed (mph):	2



Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 4

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 54

Cloud Cover (%):

- ☒ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): SW

Wind Speed (mph): 4

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☒ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 57

- Cloud Cover (%):
- ☒ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): WSW

Wind Speed (mph): 5

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 60

Cloud Cover (%):

- ☒ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): WSW

Wind Speed (mph): 5

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 7

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000

- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☒ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F):	61
Cloud Cover (%):	<input checked="" type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SW
Wind Speed (mph):	5
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	
Incidental Species (Alpha Codes):	AMCR, EUST, AMRO, AMGO, CANG, SOSP, MODO,
General Survey Notes:	It was a warm day for November with temperatures reaching 61F. Skies were clear to partly cloudy all day and the wind was relatively calm and shifted throughout the survey.

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## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	193323
Survey Date	11/11/2021
User	Jess DeToy
Project:	21029 Agricola Wind
Observer Initials:	JD
Survey Location:	South
Photo to North:	



Photo to East:







Photo to West:



Start Time (24 hour clock, ex: 1422): 0800

End Time (24 hour clock, ex: 1422): 1447

Survey Duration (hr:min): 6:47

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

- ☐ 1700-1800  
☐ 1800-1900

Temperature (F):	40
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	ESE
Wind Speed (mph):	5
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	14
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	43
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☒ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s):	ESE
Wind Speed (mph):	10
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	15
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 3

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input checked="" type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	47
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SE
Wind Speed (mph):	7



Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 15

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 51

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☒ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): SE

Wind Speed (mph): 9

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 15

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☒ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 54

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☒ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): SE

Wind Speed (mph): 9

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 15

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 54

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): SSE

Wind Speed (mph): 9

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 16

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 7

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000

- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☒ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F):	56
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SE
Wind Speed (mph):	9
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	14
Misc. Hourly Notes:	
Incidental Species (Alpha Codes):	AMCR, RBGU, RBWO, BLJA, CANG
General Survey Notes:	Wind speed picked up around 1250 during survey, around 9 mph. Occasional gusts throughout remainder of survey.

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## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	194507
Survey Date	11/15/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North
Photo to North:	





Photo to South:





Start Time (24 hour clock, ex: 1422): 0800

End Time (24 hour clock, ex: 1422): 1443

Survey Duration (hr:min): 0643

Hourly Conditions (at start of each hour block) 1

Survey Hour:

<input checked="" type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100
<input type="checkbox"/>	1100-1200
<input type="checkbox"/>	1200-1300
<input type="checkbox"/>	1300-1400
<input type="checkbox"/>	1400-1500
<input type="checkbox"/>	1500-1600
<input type="checkbox"/>	1600-1700
<input type="checkbox"/>	1700-1800
<input type="checkbox"/>	1800-1900

Temperature (F): 34

Cloud Cover (%):

<input type="checkbox"/>	Clear = 0-10%
<input type="checkbox"/>	Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☒ Overcast = 90-100%

Wind Direction(s): SW

Wind Speed (mph): 14

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 2

Survey Hour:

☐ 0800-0900

☒ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 35

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): SSW

Wind Speed (mph): 14



Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☒ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 37

Cloud Cover (%):  
☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): SSW

Wind Speed (mph): 14

Precipitation:  
☒ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☒ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 38

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): SW

Wind Speed (mph): 17

- Precipitation:
- ☒ Drizzle
  - ☐ Hail
  - ☒ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

## Hourly Conditions (at start of each hour block) 5

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☒ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 39

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): WSW

Wind Speed (mph): 17

Precipitation:

- ☒ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000

- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☒ 1300-1400
- ☐ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F): 39

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): WSW

Wind Speed (mph): 17

- Precipitation:
- ☒ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 7

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☒ 1400-1500

- ☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	40
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	WSW
Wind Speed (mph):	17
Precipitation:	<input checked="" type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input checked="" type="checkbox"/> Sleet <input checked="" type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	a sleet snow mix lasted the from 1345 until the end of the survey
Visibility (miles):	1
Misc. Hourly Notes:	
Incidental Species (Alpha Codes):	AMCR, MODO, EUST, CORA, CANG,
General Survey Notes:	It was a cold windy day with temperatures reaching 41F and winds out of the SW at 14-17mph. Skies were overcast with short periods of drizzling rain throughout the day. A wintry mix of sleet and snow started at about 1345 and lasted until the end of the survey.

EDR

# 21029 Agricola Wind Checklist

## Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	194114
Survey Date	11/16/2021
User	Max Baber
Project:	21029 Agricola Wind
Observer Initials:	MDB
Survey Location:	South
Photo to North:	



0800



1430

Photo to East:



0800



1430





0800



1430

Photo to West:



0800



1430

Start Time (24 hour clock, 0755  
ex: 1422):

End Time (24 hour clock, ex: 1445  
1422):

Survey Duration (hr:min): 6:50

Hourly Conditions (at start of each hour block) 1

Survey Hour:

- ☒ 0800-0900
- ☐ 0900-1000
- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☐ 1400-1500
- ☐ 1500-1600

- ☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	34
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SW
Wind Speed (mph):	3
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	36
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10%





- ☐ Mostly Clear = 10-25%
- ☐ Partly Cloudy = 25-50%
- ☒ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s):	WSW
Wind Speed (mph):	5
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 3

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input checked="" type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	36
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	W

Wind Speed (mph):	7	REDACTED - Permit Application No. 23-00064
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	11	
Misc. Hourly Notes:		

Hourly Conditions (at start of each hour block) 4

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input checked="" type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900	
Temperature (F):	38	
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%	
Wind Direction(s):	W	
Wind Speed (mph):	8	
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet	

- ☒ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes: Light snow 1127-1143

Visibility (miles): 11

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☒ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 39

- Cloud Cover (%):
- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): W

Wind Speed (mph): 8

- Precipitation:
- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Misc. Hourly Notes:

Hourly Conditions (at start of each hour block) 6

Survey Hour:

☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):

41

Cloud Cover (%):

☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s):

W

Wind Speed (mph):

8

Precipitation:

☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles):

13

Misc. Hourly Notes:

Hourly Conditions (at start of each hour block) 7

Survey Hour:

☐ 0800-0900

- ☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☒ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	41
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	WNW
Wind Speed (mph):	8
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	12
Misc. Hourly Notes:	
Incidental Species (Alpha Codes):	AMCR, CORA, AMRO, BLJA, BCCH, DOWO
General Survey Notes:	One inch of snow on ground at start of survey; field has been mowed since 11/5, average grass height 3 inches.

EDR

## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	195287
Survey Date	11/23/2021
User	Max Baber
Project:	21029 Agricola Wind
Observer Initials:	MDB
Survey Location:	South
Photo to North:	



Photo to East:





Photo to West:



Start Time (24 hour clock, ex: 1422): 0800

End Time (24 hour clock, ex: 1422): 1440

Survey Duration (hr:min): 6:40

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700

- ☐ 1700-1800  
☐ 1800-1900

Temperature (F):	29
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NW
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input checked="" type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	2
Misc. Hourly Notes:	Intermittent snow, 0800 - 0847

### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	29
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10%



- ☐ Mostly Clear = 10-25%
- ☐ Partly Cloudy = 25-50%
- ☒ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s):	NW
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	9
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 3

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input checked="" type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	30
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NNW

Wind Speed (mph):	7	REDACTED - Permit Application No. 23-00064
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	2	
Misc. Hourly Notes:		

Hourly Conditions (at start of each hour block) 4

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input checked="" type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900	
Temperature (F):	30	
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%	
Wind Direction(s):	NW	
Wind Speed (mph):	9	
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet	

- ☐ Snow
- ☐ Thick Fog
- ☐ Mist
- ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 11

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☒ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 31

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☒ Overcast = 90-100%

Wind Direction(s): NNW

Wind Speed (mph): 9

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/

Visibility (miles): 11

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100
<input type="checkbox"/>	1100-1200
<input type="checkbox"/>	1200-1300
<input checked="" type="checkbox"/>	1300-1400
<input type="checkbox"/>	1400-1500
<input type="checkbox"/>	1500-1600
<input type="checkbox"/>	1600-1700
<input type="checkbox"/>	1700-1800
<input type="checkbox"/>	1800-1900

Temperature (F): 30

Cloud Cover (%):

<input type="checkbox"/>	Clear = 0-10%
<input type="checkbox"/>	Mostly Clear = 10-25%
<input type="checkbox"/>	Partly Cloudy = 25-50%
<input checked="" type="checkbox"/>	Mostly Cloudy = 50-90%
<input type="checkbox"/>	Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 9

Precipitation:

<input type="checkbox"/>	Drizzle
<input type="checkbox"/>	Hail
<input type="checkbox"/>	Rain
<input type="checkbox"/>	Sleet
<input type="checkbox"/>	Snow
<input type="checkbox"/>	Thick Fog
<input type="checkbox"/>	Mist
<input type="checkbox"/>	Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 12

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 7



Survey Hour:

☐

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☒

1400-1500

☐

1500-1600

☐

1600-1700

☐

1700-1800

☐

1800-1900

REDACTED - Permit Application No. 23-00064

Temperature (F):

29

Cloud Cover (%):

☐

Clear = 0-10%

☐

Mostly Clear = 10-25%

☒

Partly Cloudy = 25-50%

☐

Mostly Cloudy = 50-90%

☐

Overcast = 90-100%

Wind Direction(s):

NW

Wind Speed (mph):

9

Precipitation:

☐

Drizzle

☐

Hail

☐

Rain

☐

Sleet

☐

Snow

☐

Thick Fog

☐

Mist

☐

Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles):

12

Misc. Hourly Notes:

Incidental Species (Alpha  
Codes):

AMCR, BLJA, AMRO, CANG, CORA

General Survey Notes:

Intermittent snow during first hour of survey

EDR

## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	195350
Survey Date	11/24/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North
Photo to North:	

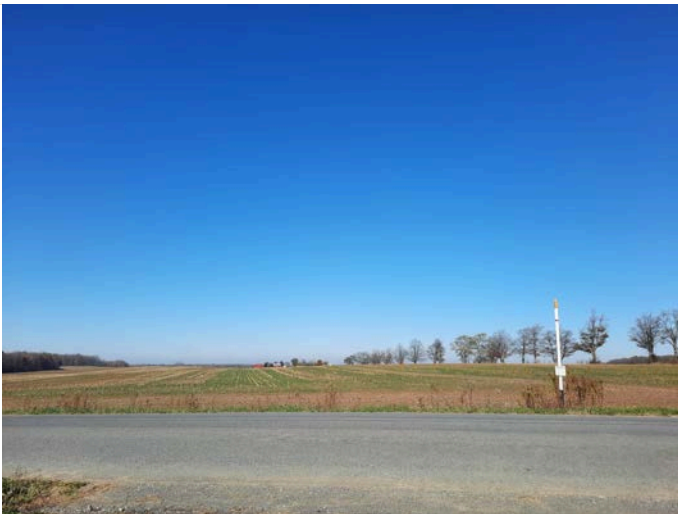


Photo to East:





Photo to West:



Start Time (24 hour clock, ex: 1422): 0800

End Time (24 hour clock, ex: 1422): 1436

Survey Duration (hr:min): 0636

Hourly Conditions (at start of each hour block) 1

Survey Hour:	<input checked="" type="checkbox"/>	0800-0900
	<input type="checkbox"/>	0900-1000
	<input type="checkbox"/>	1000-1100
	<input type="checkbox"/>	1100-1200
	<input type="checkbox"/>	1200-1300
	<input type="checkbox"/>	1300-1400
	<input type="checkbox"/>	1400-1500
	<input type="checkbox"/>	1500-1600
	<input type="checkbox"/>	1600-1700

- ☐ 1700-1800  
☐ 1800-1900

Temperature (F):	34
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SW
Wind Speed (mph):	4
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	36
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25%



- ☒ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): SW

Wind Speed (mph): 6

Precipitation:

☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

Survey Hour:

☐ 0800-0900  
☐ 0900-1000  
☒ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 37

Cloud Cover (%):

☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☒ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 6

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 4

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 40

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☒ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 6

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☒ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 41

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☒ Partly Cloudy = 25-50%
  - ☐ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 6

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 42

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☒ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 6

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 7

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000

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.

EDR

## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	195810
Survey Date	11/29/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North
Photo to North:	





Photo to South:





Start Time (24 hour clock, ex: 1422):

0800

End Time (24 hour clock, ex: 1422):

1434

Survey Duration (hr:min):

0634

Hourly Conditions (at start of each hour block) 1

- Survey Hour:
- ☒

0800-0900
- ☐

0900-1000
- ☐

1000-1100
- ☐

1100-1200
- ☐

1200-1300
- ☐

1300-1400
- ☐

1400-1500
- ☐

1500-1600
- ☐

1600-1700
- ☐

1700-1800
- ☐

1800-1900

Temperature (F):

29

- Cloud Cover (%):
- ☐

Clear = 0-10%
- ☐

Mostly Clear = 10-25%
- ☒

Partly Cloudy = 25-50%



- ☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s):	NW
Wind Speed (mph):	5
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	30
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NW
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle

- ☐ Hail
- ☐ Rain
- ☐ Sleet
- ☐ Snow
- ☐ Thick Fog
- ☐ Mist
- ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☒ 1000-1100
  - ☐ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 31

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☒ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 7

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog

- ☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☒ 1100-1200
  - ☐ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F): 31

- Cloud Cover (%):
- ☐ Clear = 0-10%
  - ☐ Mostly Clear = 10-25%
  - ☐ Partly Cloudy = 25-50%
  - ☒ Mostly Cloudy = 50-90%
  - ☐ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 8

- Precipitation:
- ☐ Drizzle
  - ☐ Hail
  - ☐ Rain
  - ☐ Sleet
  - ☐ Snow
  - ☐ Thick Fog
  - ☐ Mist
  - ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100
<input type="checkbox"/>	1100-1200
<input checked="" type="checkbox"/>	1200-1300
<input type="checkbox"/>	1300-1400
<input type="checkbox"/>	1400-1500
<input type="checkbox"/>	1500-1600
<input type="checkbox"/>	1600-1700
<input type="checkbox"/>	1700-1800
<input type="checkbox"/>	1800-1900

Temperature (F): 31

Cloud Cover (%):

<input type="checkbox"/>	Clear = 0-10%
<input type="checkbox"/>	Mostly Clear = 10-25%
<input type="checkbox"/>	Partly Cloudy = 25-50%
<input checked="" type="checkbox"/>	Mostly Cloudy = 50-90%
<input type="checkbox"/>	Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 9

Precipitation:

<input type="checkbox"/>	Drizzle
<input type="checkbox"/>	Hail
<input type="checkbox"/>	Rain
<input type="checkbox"/>	Sleet
<input type="checkbox"/>	Snow
<input type="checkbox"/>	Thick Fog
<input type="checkbox"/>	Mist
<input type="checkbox"/>	Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 6

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100

- ☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 31

- Cloud Cover (%):  
☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☒ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 9

- Precipitation:  
☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
 Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 7

- Survey Hour:  
☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☒ 1400-1500  
☐ 1500-1600

- ☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	32
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NW
Wind Speed (mph):	9
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	
Incidental Species (Alpha Codes):	CORA, EUST, AMCR, AMGO, BCCH, CANG
General Survey Notes:	It was a cool day with temperatures reaching 32F. Wind was out of the NW as the speed increased throughout the day. Skies also shifted from partly cloudy to mostly cloudy as the survey progressed. There was 1-2inches of snow on the ground.

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## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	196757
Survey Date	12/03/2021
User	Max Baber
Project:	21029 Agricola Wind
Observer Initials:	MDB
Survey Location:	South
Photo to North:	



Photo to East:





Photo to West:



Start Time (24 hour clock, ex: 1422): 0800

End Time (24 hour clock, ex: 1422): 1433

Survey Duration (hr:min): 6:33

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700



	<input type="checkbox"/> 1700-1800
	<input type="checkbox"/> 1800-1900
Temperature (F):	32
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NW
Wind Speed (mph):	8
Precipitation:	<input checked="" type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input checked="" type="checkbox"/> Sleet <input checked="" type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	Light snow and drizzle mix
Visibility (miles):	2
Misc. Hourly Notes:	

### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	32
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25%

- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☒ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 9

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☒ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 1

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☒ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 31

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 9

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☒ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 32

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 9

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☒ Snow

- ☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes: Light snow 1137-1142

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☒ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 32

- Cloud Cover (%):
- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 9

- Precipitation:
- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☒ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 11

## Hourly Conditions (at start of each hour block) 6

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 32

Cloud Cover (%):

- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): NW

Wind Speed (mph): 9

Precipitation:

- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 11

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 7

Survey Hour:

- ☐ 0800-0900  
☐ 0900-1000

- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☒ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F):	33
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NW
Wind Speed (mph):	8
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	12
Misc. Hourly Notes:	
Incidental Species (Alpha Codes):	MALL, AMCR, CORA, BLJA
General Survey Notes:	Intermittent snow over course of day, with little accumulation. Consistently high NW winds

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## 21029 Agricola Wind Checklist

### Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	197382
Survey Date	12/07/2021
User	Max Baber
Project:	21029 Agricola Wind
Observer Initials:	MDB
Survey Location:	South
Photo to North:	



Photo to East:





Photo to West:



Start Time (24 hour clock, ex: 1422): 0800

End Time (24 hour clock, ex: 1422): 1432

Survey Duration (hr:min): 6:32

Hourly Conditions (at start of each hour block) 1

Survey Hour:

☒

0800-0900

☐

0900-1000

☐

1000-1100

☐

1100-1200

☐

1200-1300

☐

1300-1400

☐

1400-1500

☐

1500-1600

☐

1600-1700



- ☐ 1700-1800  
☐ 1800-1900

Temperature (F):	28
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	W
Wind Speed (mph):	8
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	12
Misc. Hourly Notes:	Frost

### Hourly Conditions (at start of each hour block) 2

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	29
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10%

- ☐ Mostly Clear = 10-25%
- ☐ Partly Cloudy = 25-50%
- ☒ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s):	W
Wind Speed (mph):	8
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input checked="" type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	12
Misc. Hourly Notes:	Light snow

### Hourly Conditions (at start of each hour block) 3

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input checked="" type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	32
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	W

Wind Speed (mph):	8	REDACTED - Permit Application No. 23-00064
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	4	
Misc. Hourly Notes:		

Hourly Conditions (at start of each hour block) 4

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input checked="" type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900	
Temperature (F):	30	
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input checked="" type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%	
Wind Direction(s):	W	
Wind Speed (mph):	8	
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet	

- ☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 6

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☒ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 30

- Cloud Cover (%):
- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): W

Wind Speed (mph): 7

- Precipitation:
- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☒ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes: Light snow

Misc. Hourly Notes:

Hourly Conditions (at start of each hour block) 6

Survey Hour:

☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):

29

Cloud Cover (%):

☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s):

W

Wind Speed (mph):

6

Precipitation:

☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles):

12

Misc. Hourly Notes:

Hourly Conditions (at start of each hour block) 7

Survey Hour:

☐ 0800-0900

- ☐ 0900-1000
- ☐ 1000-1100
- ☐ 1100-1200
- ☐ 1200-1300
- ☐ 1300-1400
- ☒ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F):	29
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	W
Wind Speed (mph):	6
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	6
Misc. Hourly Notes:	
Incidental Species (Alpha Codes):	AMCR, CORA, SNGO, CANG, TUTI
General Survey Notes:	Intermittent light snow over course of survey. Five deer ran N through survey area at 1225, followed by a single coyote 15 min later.

EDR

# 21029 Agricola Wind Checklist

## Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	197959
Survey Date	12/10/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North
Photo to North:	



EDR

Photo to East:



Photo to South:

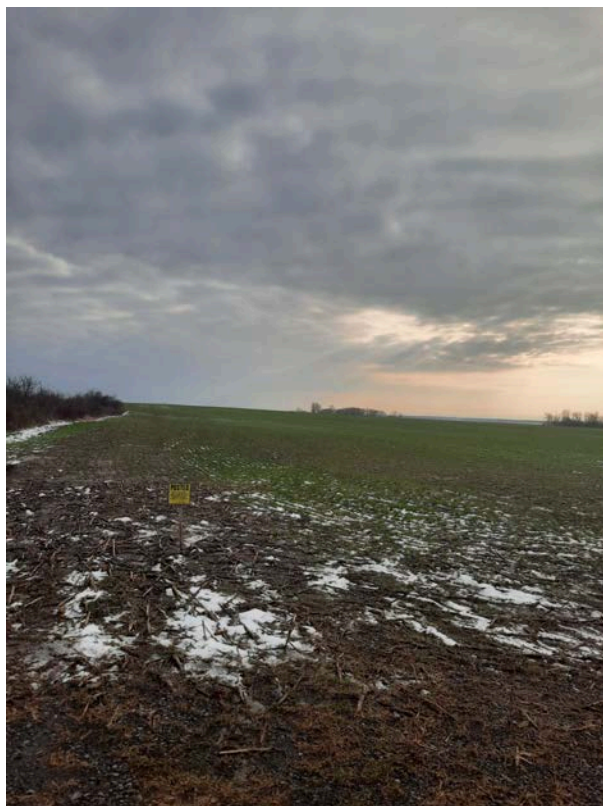




Photo to West:



Start Time (24 hour clock, ex: 0800 1422):

End Time (24 hour clock, ex: 1432 1422):

Survey Duration (hr:min): 0632

#### Hourly Conditions (at start of each hour block) 1

Survey Hour:

<input checked="" type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100
<input type="checkbox"/>	1100-1200
<input type="checkbox"/>	1200-1300
<input type="checkbox"/>	1300-1400
<input type="checkbox"/>	1400-1500
<input type="checkbox"/>	1500-1600
<input type="checkbox"/>	1600-1700
<input type="checkbox"/>	1700-1800
<input type="checkbox"/>	1800-1900

Temperature (F): 37

Cloud Cover (%):

<input type="checkbox"/>	Clear = 0-10%
<input type="checkbox"/>	Mostly Clear = 10-25%
<input type="checkbox"/>	Partly Cloudy = 25-50%
<input type="checkbox"/>	Mostly Cloudy = 50-90%

EDR

☒ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 8

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 2

Survey Hour:

☐ 0800-0900

☒ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 38

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 10

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

EDR

- ☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 3

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☒ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 39

- Cloud Cover (%):
- ☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☐ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☒ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 10

- Precipitation:
- ☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

EDR

## Hourly Conditions (at start of each hour block) 4

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100
<input checked="" type="checkbox"/>	1100-1200
<input type="checkbox"/>	1200-1300
<input type="checkbox"/>	1300-1400
<input type="checkbox"/>	1400-1500
<input type="checkbox"/>	1500-1600
<input type="checkbox"/>	1600-1700
<input type="checkbox"/>	1700-1800
<input type="checkbox"/>	1800-1900

Temperature (F): 40

Cloud Cover (%):

<input type="checkbox"/>	Clear = 0-10%
<input type="checkbox"/>	Mostly Clear = 10-25%
<input type="checkbox"/>	Partly Cloudy = 25-50%
<input type="checkbox"/>	Mostly Cloudy = 50-90%
<input checked="" type="checkbox"/>	Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 9

Precipitation:

<input type="checkbox"/>	Drizzle
<input type="checkbox"/>	Hail
<input type="checkbox"/>	Rain
<input type="checkbox"/>	Sleet
<input type="checkbox"/>	Snow
<input type="checkbox"/>	Thick Fog
<input type="checkbox"/>	Mist
<input type="checkbox"/>	Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

## Hourly Conditions (at start of each hour block) 5

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100
<input type="checkbox"/>	1100-1200
<input checked="" type="checkbox"/>	1200-1300
<input type="checkbox"/>	1300-1400

- ☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	42
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input checked="" type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	S
Wind Speed (mph):	8
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

#### Hourly Conditions (at start of each hour block) 6

- Survey Hour:
- ☐ 0800-0900  
☐ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☒ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F):	43
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10%

EDR

- ☐ Mostly Clear = 10-25%
- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☒ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 8

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 7

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☐ 1100-1200

☐ 1200-1300

☐ 1300-1400

☒ 1400-1500

☐ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 44

Cloud Cover (%):

☐ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☒ Overcast = 90-100%

Wind Direction(s): S

Wind Speed (mph): 8

Precipitation:

☐ Drizzle

EDR

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.

Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
ID	198255
Survey Date	12/13/2021
User	Nick Pusateri
Project:	21029 Agricola Wind
Observer Initials:	NP
Survey Location:	North

Photo to North:





Photo to East:



Photo to South:



Photo to West:



Start Time (24 hour clock, ex: 0800 1422):

End Time (24 hour clock, ex: 1432 1422):

Survey Duration (hr:min): 0632

Hourly Conditions (at start of each hour block) 1

Survey Hour:

<input checked="" type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100
<input type="checkbox"/>	1100-1200
<input type="checkbox"/>	1200-1300
<input type="checkbox"/>	1300-1400
<input type="checkbox"/>	1400-1500
<input type="checkbox"/>	1500-1600
<input type="checkbox"/>	1600-1700
<input type="checkbox"/>	1700-1800
<input type="checkbox"/>	1800-1900

Temperature (F): 39

Cloud Cover (%):

<input type="checkbox"/>	Clear = 0-10%
<input type="checkbox"/>	Mostly Clear = 10-25%
<input checked="" type="checkbox"/>	Partly Cloudy = 25-50%
<input type="checkbox"/>	Mostly Cloudy = 50-90%
<input type="checkbox"/>	Overcast = 90-100%

Wind Direction(s): SW

Wind Speed (mph): 10

Precipitation:

<input type="checkbox"/>	Drizzle
<input type="checkbox"/>	Hail
<input type="checkbox"/>	Rain

EDR

- ☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 2

Survey Hour:

☐ 0800-0900  
☒ 0900-1000  
☐ 1000-1100  
☐ 1100-1200  
☐ 1200-1300  
☐ 1300-1400  
☐ 1400-1500  
☐ 1500-1600  
☐ 1600-1700  
☐ 1700-1800  
☐ 1800-1900

Temperature (F): 40

Cloud Cover (%):

☐ Clear = 0-10%  
☐ Mostly Clear = 10-25%  
☒ Partly Cloudy = 25-50%  
☐ Mostly Cloudy = 50-90%  
☐ Overcast = 90-100%

Wind Direction(s): SW

Wind Speed (mph): 10

Precipitation:

☐ Drizzle  
☐ Hail  
☐ Rain  
☐ Sleet  
☐ Snow  
☐ Thick Fog  
☐ Mist  
☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

Hourly Conditions (at start of each hour block) 3

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input checked="" type="checkbox"/>	1000-1100
<input type="checkbox"/>	1100-1200
<input type="checkbox"/>	1200-1300
<input type="checkbox"/>	1300-1400
<input type="checkbox"/>	1400-1500
<input type="checkbox"/>	1500-1600
<input type="checkbox"/>	1600-1700
<input type="checkbox"/>	1700-1800
<input type="checkbox"/>	1800-1900

Temperature (F): 42

Cloud Cover (%):

<input type="checkbox"/>	Clear = 0-10%
<input type="checkbox"/>	Mostly Clear = 10-25%
<input checked="" type="checkbox"/>	Partly Cloudy = 25-50%
<input type="checkbox"/>	Mostly Cloudy = 50-90%
<input type="checkbox"/>	Overcast = 90-100%

Wind Direction(s): SW

Wind Speed (mph): 10

Precipitation:

<input type="checkbox"/>	Drizzle
<input type="checkbox"/>	Hail
<input type="checkbox"/>	Rain
<input type="checkbox"/>	Sleet
<input type="checkbox"/>	Snow
<input type="checkbox"/>	Thick Fog
<input type="checkbox"/>	Mist
<input type="checkbox"/>	Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

Hourly Conditions (at start of each hour block) 4

Survey Hour:

<input type="checkbox"/>	0800-0900
<input type="checkbox"/>	0900-1000
<input type="checkbox"/>	1000-1100
<input checked="" type="checkbox"/>	1100-1200

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- ☐ 1200-1300
- ☐ 1300-1400
- ☐ 1400-1500
- ☐ 1500-1600
- ☐ 1600-1700
- ☐ 1700-1800
- ☐ 1800-1900

Temperature (F): 44

Cloud Cover (%):

- ☐ Clear = 0-10%
- ☐ Mostly Clear = 10-25%
- ☒ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s): SW

Wind Speed (mph): 12

Precipitation:

- ☐ Drizzle
- ☐ Hail
- ☐ Rain
- ☐ Sleet
- ☐ Snow
- ☐ Thick Fog
- ☐ Mist
- ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

### Hourly Conditions (at start of each hour block) 5

- Survey Hour:
- ☐ 0800-0900
  - ☐ 0900-1000
  - ☐ 1000-1100
  - ☐ 1100-1200
  - ☒ 1200-1300
  - ☐ 1300-1400
  - ☐ 1400-1500
  - ☐ 1500-1600
  - ☐ 1600-1700
  - ☐ 1700-1800
  - ☐ 1800-1900

Temperature (F):	46
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SW
Wind Speed (mph):	12
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

**Hourly Conditions (at start of each hour block) 6**

Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input checked="" type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
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Temperature (F):	47
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SW

EDR

Wind Speed (mph):	11
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	
Hourly Conditions (at start of each hour block) 7	
Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input checked="" type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	49
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input checked="" type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	SW
Wind Speed (mph):	10
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog

☐

Mist

☐

Other (write in notes)

Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	
Incidental Species (Alpha Codes):	AMCR, EUST, CORA, BCCH, CANG, MODO, DEJU
General Survey Notes:	It was a warmer day with temperatures reaching 49F. It was partly cloudy with winds out of the SW at 10-12 mph all day.



EDR

## 21029 Agricola Wind Checklist

## Agricola Wind Fall Raptor Migration Survey 1

Project	21029 Agricola Wind
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ID	198459
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Survey Date	12/14/2021
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User	Max Baber
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Project:	21029 Agricola Wind
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Observer Initials:	MDB
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Survey Location:	South
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Photo to North:



Photo to East:



EDR

Photo to South:



Photo to West:



Start Time (24 hour clock, ex: 0755 1422):

End Time (24 hour clock, ex: 1435 1422):

Survey Duration (hr:min): 6:40

Hourly Conditions (at start of each hour block) 1

Survey Hour:	<input checked="" type="checkbox"/>	0800-0900
	<input type="checkbox"/>	0900-1000
	<input type="checkbox"/>	1000-1100
	<input type="checkbox"/>	1100-1200
	<input type="checkbox"/>	1200-1300
	<input type="checkbox"/>	1300-1400
	<input type="checkbox"/>	1400-1500
	<input type="checkbox"/>	1500-1600
	<input type="checkbox"/>	1600-1700
	<input type="checkbox"/>	1700-1800
	<input type="checkbox"/>	1800-1900

Temperature (F):	32
Cloud Cover (%):	<input checked="" type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NW
Wind Speed (mph):	3
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	

**Hourly Conditions (at start of each hour block) 2**

Survey Hour:	<input type="checkbox"/> 0800-0900 <input checked="" type="checkbox"/> 0900-1000 <input type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
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Temperature (F):	34
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input checked="" type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	NNW

EDR

Wind Speed (mph):	3
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	
Hourly Conditions (at start of each hour block) 3	
Survey Hour:	<input type="checkbox"/> 0800-0900 <input type="checkbox"/> 0900-1000 <input checked="" type="checkbox"/> 1000-1100 <input type="checkbox"/> 1100-1200 <input type="checkbox"/> 1200-1300 <input type="checkbox"/> 1300-1400 <input type="checkbox"/> 1400-1500 <input type="checkbox"/> 1500-1600 <input type="checkbox"/> 1600-1700 <input type="checkbox"/> 1700-1800 <input type="checkbox"/> 1800-1900
Temperature (F):	38
Cloud Cover (%):	<input type="checkbox"/> Clear = 0-10% <input checked="" type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%
Wind Direction(s):	N
Wind Speed (mph):	5
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog

- ☐ Mist
- ☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 10

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 4

Survey Hour:

☐ 0800-0900

☐ 0900-1000

☐ 1000-1100

☒ 1100-1200

☐ 1200-1300

☐ 1300-1400

☐ 1400-1500

☐ 1500-1600

☐ 1600-1700

☐ 1700-1800

☐ 1800-1900

Temperature (F): 40

Cloud Cover (%):

☒ Clear = 0-10%

☐ Mostly Clear = 10-25%

☐ Partly Cloudy = 25-50%

☐ Mostly Cloudy = 50-90%

☐ Overcast = 90-100%

Wind Direction(s): N

Wind Speed (mph): 5

Precipitation:

☐ Drizzle

☐ Hail

☐ Rain

☐ Sleet

☐ Snow

☐ Thick Fog

☐ Mist

☐ Other (write in notes)

Other Precipitation/  
Precipitation Notes:

Visibility (miles): 11

Misc. Hourly Notes:

#### Hourly Conditions (at start of each hour block) 5

Survey Hour:	<input type="checkbox"/>	0800-0900
	<input type="checkbox"/>	0900-1000
	<input type="checkbox"/>	1000-1100
	<input type="checkbox"/>	1100-1200
	<input checked="" type="checkbox"/>	1200-1300
	<input type="checkbox"/>	1300-1400
	<input type="checkbox"/>	1400-1500
	<input type="checkbox"/>	1500-1600
	<input type="checkbox"/>	1600-1700
	<input type="checkbox"/>	1700-1800
	<input type="checkbox"/>	1800-1900

Temperature (F):	40
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Cloud Cover (%):	<input checked="" type="checkbox"/>	Clear = 0-10%
	<input type="checkbox"/>	Mostly Clear = 10-25%
	<input type="checkbox"/>	Partly Cloudy = 25-50%
	<input type="checkbox"/>	Mostly Cloudy = 50-90%
	<input type="checkbox"/>	Overcast = 90-100%

Wind Direction(s):	N
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Wind Speed (mph):	5
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Precipitation:	<input type="checkbox"/>	Drizzle
	<input type="checkbox"/>	Hail
	<input type="checkbox"/>	Rain
	<input type="checkbox"/>	Sleet
	<input type="checkbox"/>	Snow
	<input type="checkbox"/>	Thick Fog
	<input type="checkbox"/>	Mist
	<input type="checkbox"/>	Other (write in notes)

Other Precipitation/ Precipitation Notes:	
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Visibility (miles):	11
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Misc. Hourly Notes:	
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### Hourly Conditions (at start of each hour block) 6

Survey Hour:	<input type="checkbox"/>	0800-0900
	<input type="checkbox"/>	0900-1000
	<input type="checkbox"/>	1000-1100
	<input type="checkbox"/>	1100-1200
	<input type="checkbox"/>	1200-1300
	<input checked="" type="checkbox"/>	1300-1400
	<input type="checkbox"/>	1400-1500

	<input type="checkbox"/>	1500-1600
	<input type="checkbox"/>	1600-1700
	<input type="checkbox"/>	1700-1800
	<input type="checkbox"/>	1800-1900
Temperature (F):	42	
Cloud Cover (%):	<input checked="" type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25% <input type="checkbox"/> Partly Cloudy = 25-50% <input type="checkbox"/> Mostly Cloudy = 50-90% <input type="checkbox"/> Overcast = 90-100%	
Wind Direction(s):	NNW	
Wind Speed (mph):	4	
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	11	
Misc. Hourly Notes:		

#### Hourly Conditions (at start of each hour block) 7

Survey Hour:	<input type="checkbox"/>	0800-0900
	<input type="checkbox"/>	0900-1000
	<input type="checkbox"/>	1000-1100
	<input type="checkbox"/>	1100-1200
	<input type="checkbox"/>	1200-1300
	<input type="checkbox"/>	1300-1400
	<input checked="" type="checkbox"/>	1400-1500
	<input type="checkbox"/>	1500-1600
	<input type="checkbox"/>	1600-1700
	<input type="checkbox"/>	1700-1800
	<input type="checkbox"/>	1800-1900
Temperature (F):	43	
Cloud Cover (%):	<input checked="" type="checkbox"/> Clear = 0-10% <input type="checkbox"/> Mostly Clear = 10-25%	

EDR

- ☐ Partly Cloudy = 25-50%
- ☐ Mostly Cloudy = 50-90%
- ☐ Overcast = 90-100%

Wind Direction(s):	NNW
Wind Speed (mph):	3
Precipitation:	<input type="checkbox"/> Drizzle <input type="checkbox"/> Hail <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Snow <input type="checkbox"/> Thick Fog <input type="checkbox"/> Mist <input type="checkbox"/> Other (write in notes)
Other Precipitation/ Precipitation Notes:	
Visibility (miles):	13
Misc. Hourly Notes:	
Incidental Species (Alpha Codes):	AMCR, CANG, BCCH, CORA, WBNU, BLJA, TUTI, NOFL, SNGO
General Survey Notes:	Deer carcass in S field has been fully cleaned; no scavengers visited carcass during survey