# **Fall Raptor Migration Survey Report**

## **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

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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. 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>&</sup>lt;sup>1</sup> Chapter XVIII, Title 19 of the New York Codes, Rules and Regulations (NYCRR) Part 900. Available at: https://ores.nv.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 online Information for Planning and Consultation system, as well as
correspondence with the New York Natural Heritage Program, NYSDEC, and ORES. According to the
Information for Planning and Consultation system, only one federally-listed threatened, endangered, or
candidate species—BEGIN CONFIDENTIAL INFORMATION <
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the vicinity of Facility Area ( <b>Appendix B</b> ). A letter from the New York Natural Heritage Program on January
14, 2021, identified four state-listed avian species that have been documented within 5 miles of the Facility
Area: BEGIN CONFIDENTIAL INFORMATION <
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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. The following state-listed bird species have been documented in the vicinity of the Facility Area
in the last five years: BEGIN CONFIDENTIAL INFORMATION <
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#### 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** <

>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 > 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>&</sup>lt;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>&</sup>lt;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	Buteo platypterus	1	0.03	1
Red-tailed Hawk	Buteo jamaicensis	24	0.67	52
Unidentified Buteo	Buteo spp.	1	0.03	1
		11	0.31	16
		5	0.14	8
<u>Falcons</u>				
American Kestrel	Falco sparverius	9	0.25	10
Merlin	Falco columbarius	4	0.11	4
		6	0.17	6
<u>Vultures</u>				
Turkey Vulture	Cathartes aura	22	0.61	309

<sup>&</sup>lt;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
Total	416	130	100	98	-

<sup>&</sup>lt;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** 

#### BEGIN CONFIDENTIAL INFORMATION <

					Time Pe	riod (24	-hour)				
Species	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 Buteo	0	0	0	0	0	0	0	0	1	0	0
Total	2	10	23	38	64	115	86	53	59	24	7

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

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

Α	total	of	five	state-listed	raptor	species	were	observed	throughout	the	survey	period.	BEGIN
CC	NFID	ENT	IAL I	NFORMATIO	N<								
				>ENI	O CONFI	DENTIAL	. INFO	RMATION	The American	kest	rel (a SG	CN in Ne	w York)
wa	s also	obs	serve	d within the	Facility A	rea (five	observ	/ations). A s	summary of st	ate-l	isted thr	eatened	species
ob	servat	tions	s is p	rovided in <b>T</b>	able 5. E	BEGIN CO	ONFIDI	ENTIAL INF	ORMATION	<			
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**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
		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	Uknown 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<
>END CONFIDENTIAL INFORMATION The Applicant will
continue to engage in consultations with ORES and NYSDEC regarding additional avian field surveys that may be recommended.

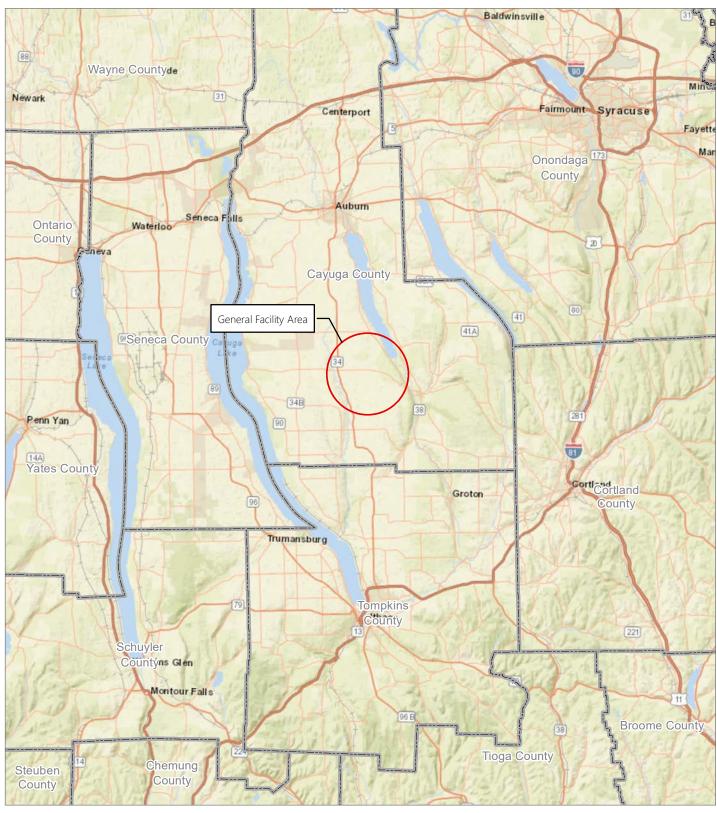
#### 5.0 REFERENCES

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: <a href="http://www.dec.ny.gov/animals/7494.html">http://www.dec.ny.gov/animals/7494.html</a> (Accessed January 2022).

New York State Department of Environmental Conservation (NYSDEC). 2015b. *New York State Species of Greatest Conservation Need*. Available at: <a href="https://www.dec.ny.gov/docs/wildlife">https://www.dec.ny.gov/docs/wildlife</a> pdf/sgnc2015list.pdf (Accessed January 2022).

**FIGURES** 

### **Figure 1. Regional Facility Location**



### **Agricola Wind Project**

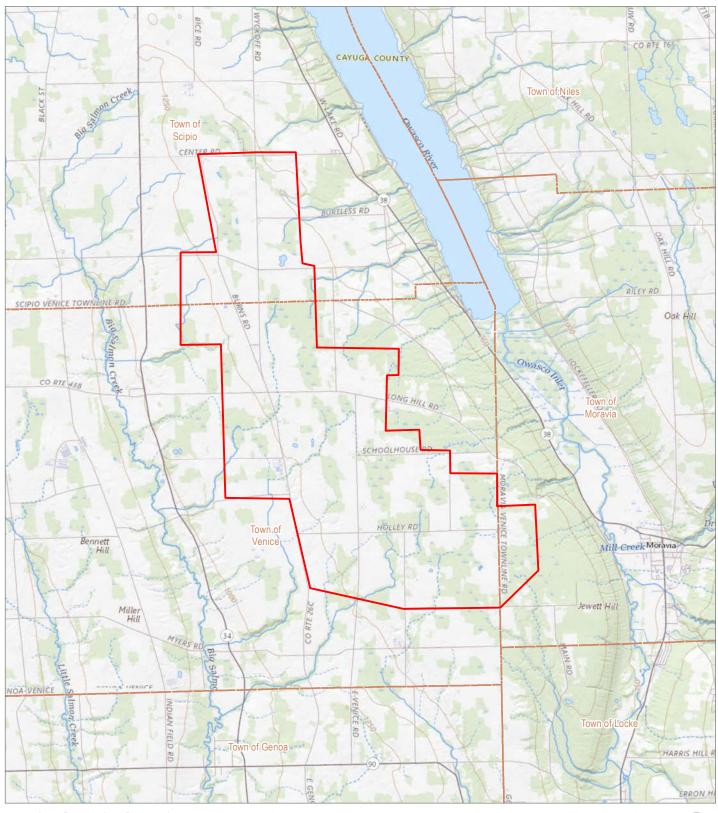
Towns of Venice, Scipio, and Moravia, Cayuga County, New York

Fall Raptor Migration Survey Report





### Figure 2. Facility Area



### **Agricola Wind Project**

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

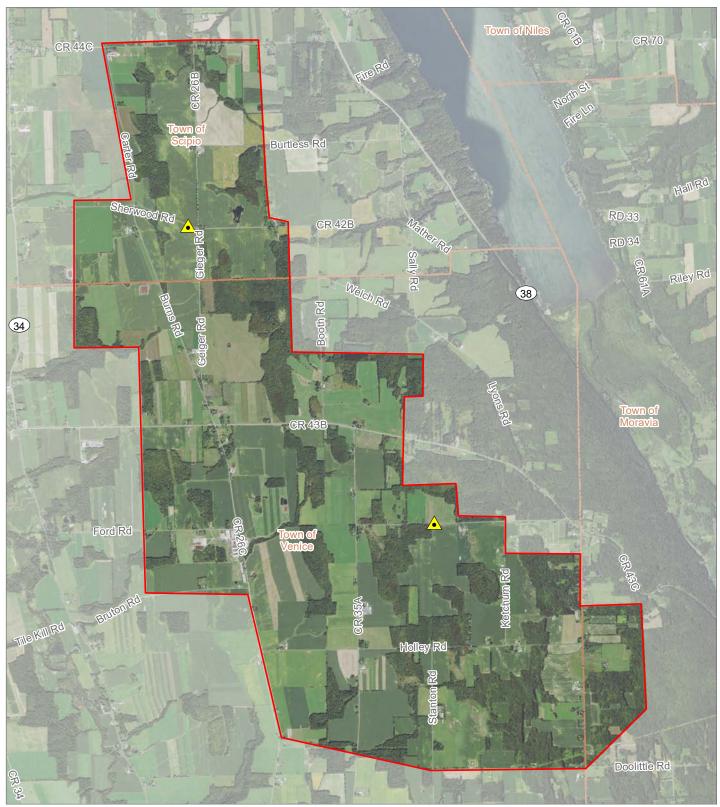
Fall Raptor Migration Survey Report







### Figure 3. Survey Locations



### **Agricola Wind Project**

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

Fall Raptor Migration Survey Report



Survey Location



Facility Area

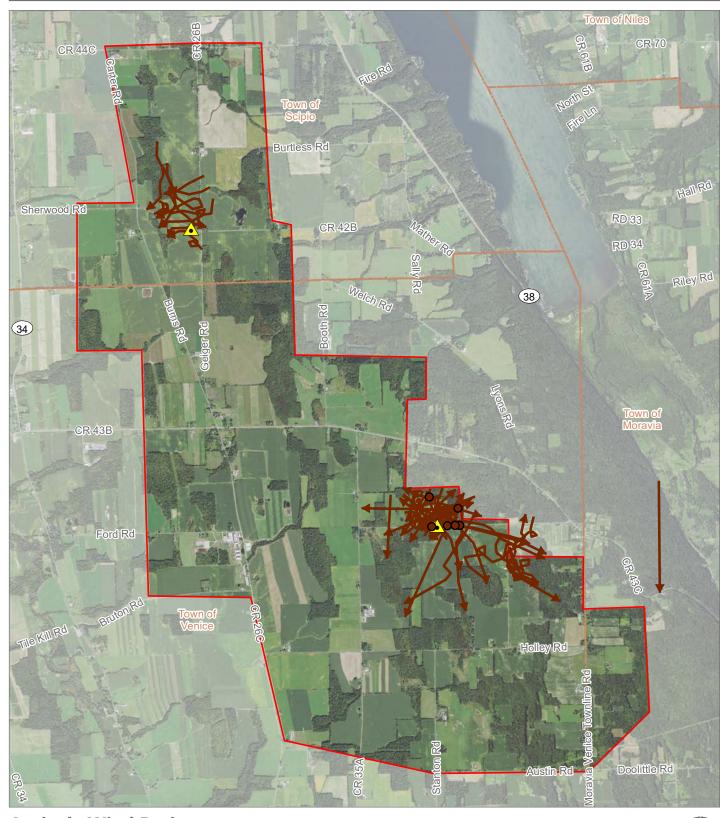




This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.

**Figure 4. Raptor Observations - Buteos** 

Sheet 2 of 5



### **Agricola Wind Project**

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

Fall Raptor Migration Survey Report



Facility Area

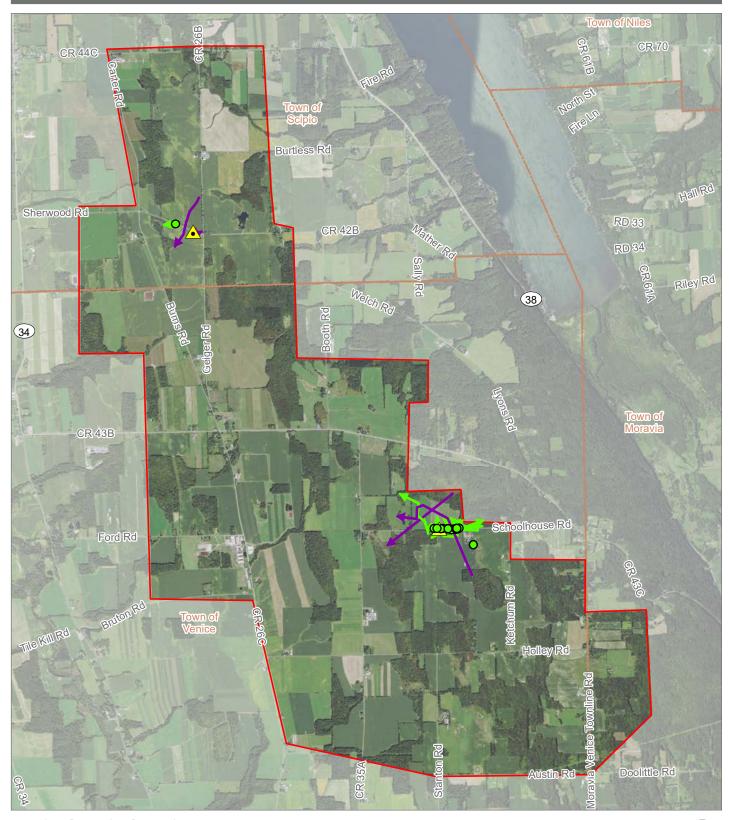




This appendix has been redacted from this publicly available document because it contains protected/confidential information regarding the detailed locations of NYS endangered, threatened, and/or special concern species.

**Figure 4. Raptor Observations - Falcons** 

Sheet 4 of 5



### **Agricola Wind Project**

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

Fall Raptor Migration Survey Report



Survey Location

→ Merlin Flight Path

American Kestrel Flight Path

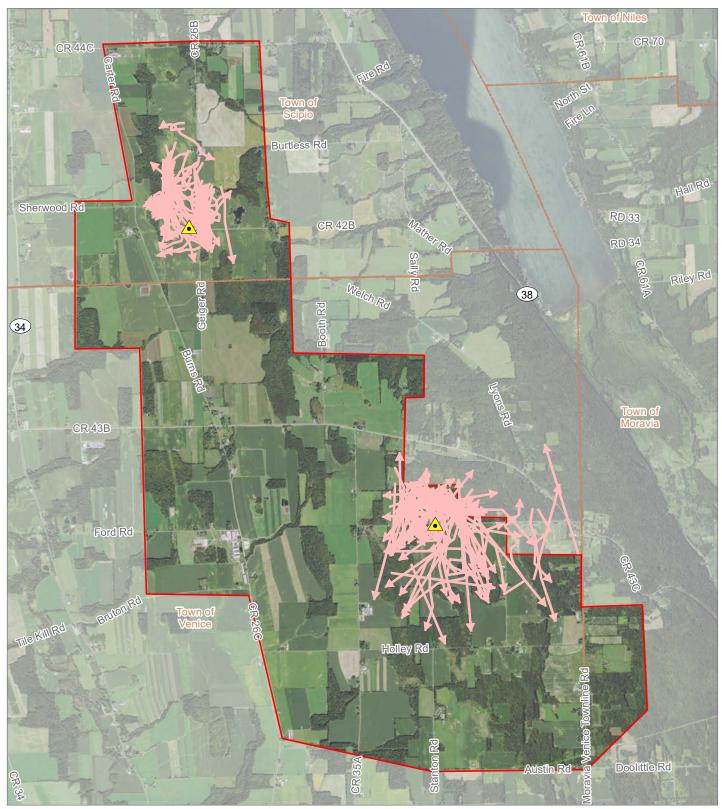
Facility Area





**Figure 4. Raptor Observations - Vultures** 

Sheet 5 of 5



### **Agricola Wind Project**

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

Fall Raptor Migration Survey Report







### 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
<a href="https://liberty-renewables.com/agricolawind/">https://liberty-renewables.com/agricolawind/</a>

Prepared by:



Environmental Design & Research, D.P.C. 217 Montgomery Street, Suite 1100 Syracuse, New York 13202 <a href="https://www.edrdpc.com">www.edrdpc.com</a>

August 2021

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1.2	Facility Location and Description	
2.0	BACKGROUND INFORMATION	
2.1	Agency Database Review and Consultation	2
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3.1	Survey Period and Frequency	2
3.2	Survey Locations	
3.3	Surveyor Qualifications	
3.4	Survey Methodology	4
3.	.4.1 Data Analysis	
3.5	Reporting	
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#### LIST OF FIGURES

Figure 1: Regional Facility Location

Figure 2: Facility Area

Figure 3: Survey Locations

#### LIST OF APPENDICES

Appendix A: Results of Agency Database Review and Consultation

### 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

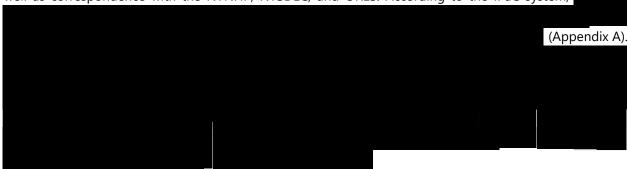
The Applicant is proposing to construct an up to 100-megawatt (MW) wind-powered electric generating facility and associated infrastructure in the Towns of Venice, Scipio, and Moravia in Cayuga County, New York. The regional Facility location and the Facility Area are depicted on Figures 1 and 2, respectively. 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>&</sup>lt;sup>1</sup> Chapter XVIII, Title 19 of the New York Codes, Rules and Regulations (NYCRR) Part 900. Available at: https://ores.nv.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,



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



#### 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).

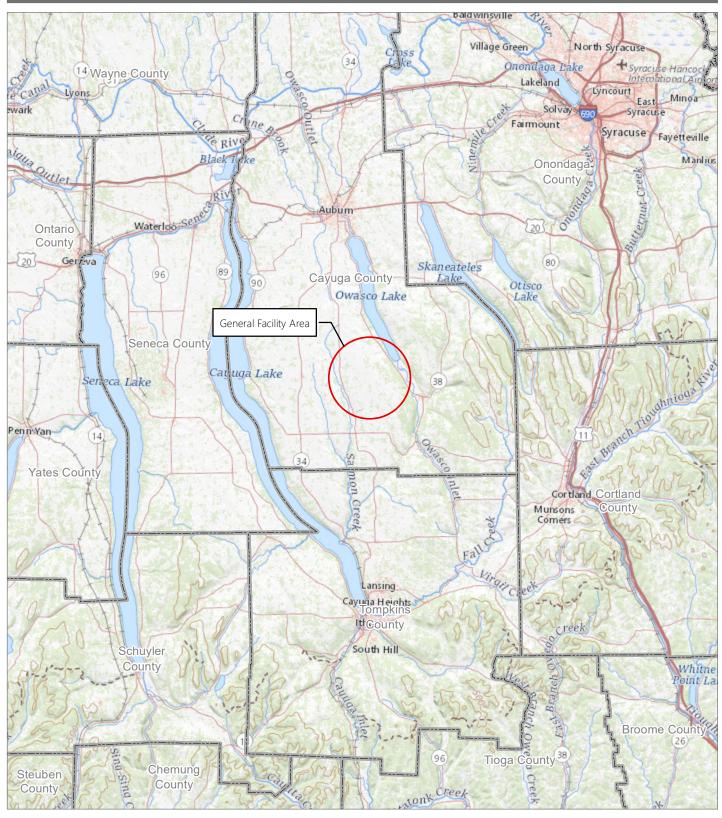
### 4.0 REFERENCES

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: <a href="http://www.dec.ny.gov/animals/7494.html">http://www.dec.ny.gov/animals/7494.html</a> (Accessed July 2021).

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

# **FIGURES**

### **Figure 1. Regional Facility Location**



### **Agricola Wind Project**

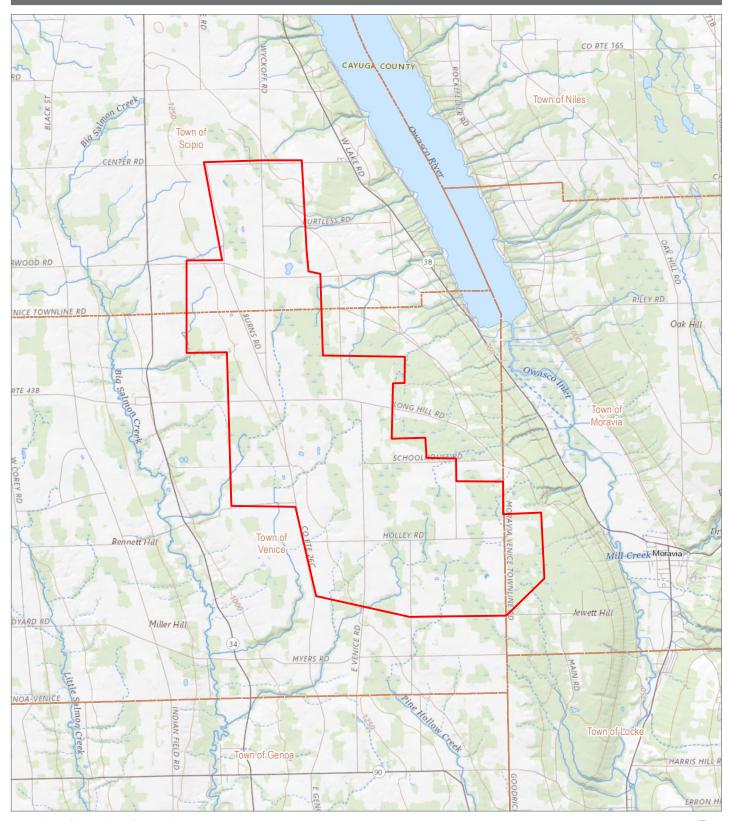
Towns of Venice, Scipio, and Moravia, Cayuga County, New York

Fall Raptor Migration Survey Work Plan





# Figure 2. Facility Area



## **Agricola Wind Project**

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

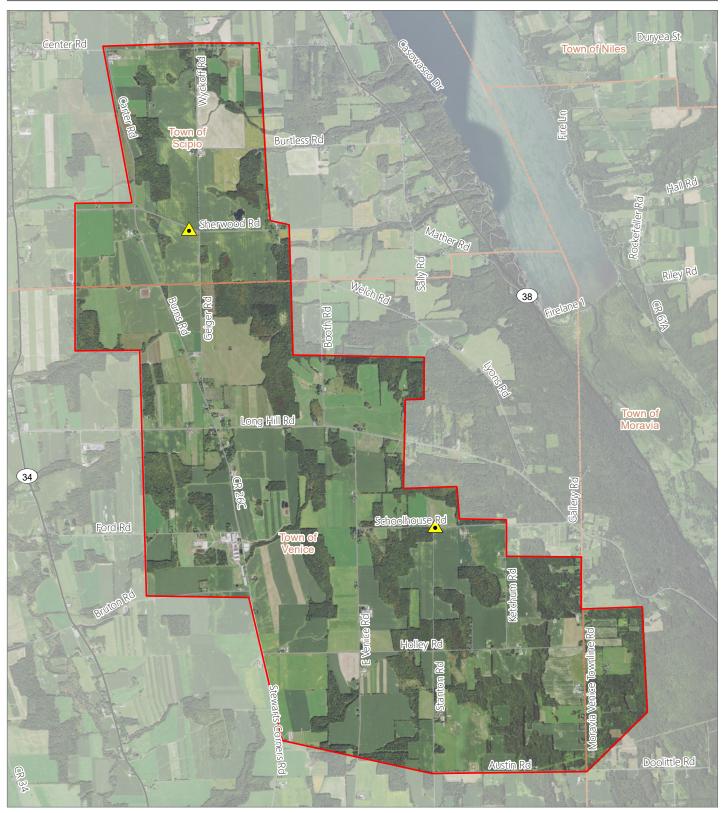
Fall Raptor Migration Survey Work Plan







# **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

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: <a href="http://www.fws.gov/northeast/nyfo/es/section7.htm">http://www.fws.gov/northeast/nyfo/es/section7.htm</a>

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 (<a href="http://www.fws.gov/windenergy/eagle\_guidance.html">http://www.fws.gov/windenergy/eagle\_guidance.html</a>). Additionally, wind energy projects should follow the Services wind

energy guidelines (<a href="http://www.fws.gov/windenergy/">http://www.fws.gov/windenergy/</a>) 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: <a href="http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers.htm">http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html</a>.

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: <a href="https://www.google.com/maps/@42.7419901,-76.51479957469081,14z">https://www.google.com/maps/@42.7419901,-76.51479957469081,14z</a>



Counties: Cayuga County, New York

### 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

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

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.

Sincerely,

Heidi Krahling

Environmental Review Specialist New York Natural Heritage Program



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, and from NYSDEC at www.dec.ny.gov/animals/7494.html.

1/14/2021 Page 2 of 2

- \* 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.

1/14/2021 Page 2 of 2

# **APPENDIX C**

Fall Raptor Migration Survey Observations

#### 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 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

Species codes are based on standardized four-letter AOU alpha codes defined by the Institute for Bird Populations

### APPENDIX D

Survey Data Sheets

# 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:



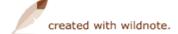
0800

Start Time (24 hour clock,

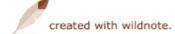
ex: 1422):

End Time (24 hour clock, ex: 1805 1422):

1422).	
Survey Duration (hr:min):	10:05
Hourly Conditions (at start of	f each hour block) 1
Survey Hour:	X       0800-0900         0900-1000       1000-1100         1100-1200       1200-1300         1300-1400       1400-1500         1500-1600       1600-1700



	1700-1800	REDACTED - Permit Application No. 23-00064
	1800-1900	
Temperature (F):	70	
Cloud Cover (%):		
	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	SE	
Wind Speed (mph):	6	
Precipitation:	Drizzle	
	Hail	
	X Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	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:	0800-0900	
	X 0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
Tomporative (F):	1800-1900	
Temperature (F): Cloud Cover (%):	71	
Ciouu Covei (%).	Clear = 0-10%	
	Mostly Clear = 10-25%	



		Partly Cloudy = 25-50%	REDACTED - Permit Application No. 23-00064
	H		
		Mostly Cloudy = 50-90%	
1=	X	Overcast = 90-100%	
Wind Direction(s):	SE		
Wind Speed (mph):	4		
Precipitation:	X	Drizzle	
	Н	Hail	
	Щ	Rain	
		Sleet	
		Snow	
	Ш	Thick Fog	
	Ш	Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	6		
Misc. Hourly Notes:			
Hourly Conditions (at start of	each l	nour block) 3	
Survey Hour:		0800-0900	
		0900-1000	
	X	1000-1100	
		1100-1200	
	H		
		1200-1300	
		1300-1400	
		1400-1500	
	Н	1500-1600	
	Щ	1600-1700	
	Ш	1700-1800	
		1800-1900	
Temperature (F):	70		
Cloud Cover (%):		Clear = 0-10%	
		Mostly Clear = 10-25%	
		Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
	X	Overcast = 90-100%	
Wind Direction(s):	SE		
Wind Speed (mph):	3		



Precipitation:	X Drizzle	REDACTED - Permit Application No. 23-00064
	Hail	
	Rain	
	Sleet	
	Snow	
	☐ Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:	Drizzle 1012-1029	
Visibility (miles):	5	
Misc. Hourly Notes:		
Harrisha Caradiki araa (ak akar	ork of a calle leaves letter 10.4	
Hourly Conditions (at star	rt of each nour block) 4	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	X 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%	
	X Overcast = 90-100%	
Wind Direction(s):	SSE	
Wind Speed (mph):	4	
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	



		Thick For	REDACTED - Permit Application No. 23-00064
		Thick Fog	
		Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	6		
Misc. Hourly Notes:			
Hourly Conditions (at start of	f each h	our block) 5	
Survey Hour:		0800-0900	
		0900-1000	
		1000-1100	
		1100-1200	
	X	1200-1300	
		1300-1400	
		1400-1500	
		1500-1600	
	Щ	1600-1700	
	Ш	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)		Overcast = 90-100%	
Wind Speed (mph):	SSE 4		
Wind Speed (mph): Precipitation:			
Frecipitation.		Drizzle	
		Hail	
	Щ	Rain	
		Sleet	
		Snow	
		Thick Fog	
		Mist	
		Other (write in notes)	
Other Precipitation/		/	
Precipitation Notes:			
Visibility (miles):	9		



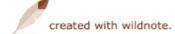
Hourly Conditions (at start of	each hour block) 6
Survey Hour:	0800-0900
	0900-1000
	1000-1100
	1100-1200
	1200-1300
	X 1300-1400
	1400-1500
	1500-1600
	1600-1700
	1700-1800
	1800-1900
Temperature (F):	77
Cloud Cover (%):	Clear = 0-10%
	Mostly Clear = 10-25%
	Partly Cloudy = 25-50%
	Mostly Cloudy = 50-90%
	X Overcast = 90-100%
Wind Direction(s):	SSE
Wind Speed (mph):	SSE 5
Wind Speed (mph):	5
Wind Speed (mph):	5 X Drizzle
Wind Speed (mph):	X Drizzle Hail
Wind Speed (mph):	X Drizzle Hail Rain
Wind Speed (mph):	X Drizzle Hail Rain Sleet
Wind Speed (mph):	X Drizzle Hail Rain Sleet Snow
Wind Speed (mph): Precipitation:	<ul> <li>Drizzle</li> <li>Hail</li> <li>Rain</li> <li>Sleet</li> <li>Snow</li> <li>Thick Fog</li> <li>Mist</li> <li>Other (write in notes)</li> </ul>
Wind Speed (mph):	X Drizzle Hail Rain Sleet Snow Thick Fog Mist
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles):	<ul> <li>Drizzle</li> <li>Hail</li> <li>Rain</li> <li>Sleet</li> <li>Snow</li> <li>Thick Fog</li> <li>Mist</li> <li>Other (write in notes)</li> </ul>
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:	S Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)  Brief drizzle 1246-1255
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles): Misc. Hourly Notes:	S Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)  Brief drizzle 1246-1255
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles): Misc. Hourly Notes:  Hourly Conditions (at start of	S Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes) Brief drizzle 1246-1255
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles): Misc. Hourly Notes:	S Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes) Brief drizzle 1246-1255  10  each hour block) 7
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles): Misc. Hourly Notes:  Hourly Conditions (at start of	S Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes) Brief drizzle 1246-1255



	1000-1100 1100-1200 1200-1300 1300-1400 X 1400-1500 1500-1600 1600-1700 1700-1800	REDACTED - Permit Application No. 23-00064
Temperature (F):	1800-1900 79	
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  X Overcast = 90-100%	
Wind Direction(s):	S	
Wind Speed (mph):	6	
Precipitation:	X 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	



	X 1500-1600	REDACTED - Permit Application No. 23-00064
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	81	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	X 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) 9	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	X 1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	82	



Cloud Cover (%):	Clear = 0-10%	REDACTED - Permit Application No. 23-00064
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	SSE	
Wind Speed (mph):	6	
Precipitation:	X Drizzle	
	∟ Hail □ Pair	
	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	
	X 1700-1800	
	1800-1900	
Temperature (F):	83	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
· · · · · · · · · · · · · · · · · · ·		



Wind Direction(s):	S	REDACTED - Permit Application No. 23-00064
Wind Speed (mph):	7	
Precipitation:	X 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) 11	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	X 1800-1900	
Tamanaratura (E)		
Temperature (F): Cloud Cover (%):	84	
Cloud Cover (%).	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	S	
Wind Speed (mph):	6	
Precipitation:	Drizzle	
	Hail	
	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.

# 21029 Agricola Wind Checklist

Agricola Wind Fall Rap	tor 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:	



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.

### Photo to West:



Start Time (24 hour clock, ex: 1422):
End Time (24 hour clock, ex: 1804
1422):
Survey Duration (hr:min): 10:04

Hourly Conditions (at start of each hour block) 1

Hourly Conditions (at start of	each hour block) 1
Survey Hour:	X       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%



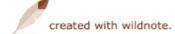
		Partly Cloudy - 25 500/	REDACTED - Permit Application No. 23-00064
		Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
		Overcast = 90-100%	
Wind Direction(s):	S		
Wind Speed (mph):	6		
Precipitation:		Orizzle	
	LL F	Hail	
	X F	Rain	
		Sleet	
		Snow	
	Т	Thick Fog	
		Mist	
		Other (write in notes)	
Other Precipitation/		Strict (write in flotes)	
Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start of	each ho	our block) 2	
Survey Hour:		0800-0900	
		0900-1000	
		1000-1100	
	1	1100-1200	
	1	1200-1300	
	1	1300-1400	
	1	1400-1500	
		1500-1600	
		1600-1700	
		1700-1800	
	1	1800-1900	
Temperature (F):	72		
Cloud Cover (%):		Clear = 0-10%	
		Mostly Clear = 10-25%	
	L F	Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
	X	Overcast = 90-100%	
Wind Direction(s):	S		
Wind Speed (mph):	6		



Precipitation:	Drizzle	REDACTED - Permit Application No. 23-00064
	Hail X Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/	Cirier (write in flotes)	
Precipitation Notes:		
Visibility (miles):	5	
Misc. Hourly Notes:		
Harrier Caraditiona (at atout at	Sanah hawa biladi. 2	
Hourly Conditions (at start of	reach nour block) 3	
Survey Hour:	0800-0900	
	0900-1000	
	X 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%	
	X Overcast = 90-100%	
Wind Direction(s):	S	
Wind Speed (mph):	8	
Precipitation:	Drizzle	
	Hail	
	X Rain	
	Sleet	
	Snow	



	Thick For	REDACTED - Permit Application No. 23-00064
	☐ Thick Fog	
	☐ Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at star	rt of each hour block) 4	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	X 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%  X Overcast = 90-100%	
Wind Direction(s):		
Wind Speed (mph):	S 8	
Precipitation:		
Trecipitation.	Drizzle	
	Hail	
	X 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
	X 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%
	X Overcast = 90-100%
Wind Direction(s):	SE
Wind Speed (mph):	4
Precipitation:	Drizzle
	Hail
	X 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
	Each flour block) o
Survey Hour:	0800-0900
	0900-1000



		REDACTED - Permit Application No. 23-00064
	1000-1100	
	1100-1200	
	1200-1300	
	X 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	5-50%
	Mostly Cloudy = 5	0-90%
	X Overcast = 90-100	0%
Wind Direction(s):	ESE	
Wind Speed (mph):	6	
Precipitation:	Drizzle	
	Hail	
	X Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in no	tes)
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	
	X 1400-1500	



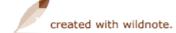
	1500-1600	REDACTED - Permit Application No. 23-00064
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	77	
Cloud Cover (%):		
( ),	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
W. IB: ()	X Overcast = 90-100%	
Wind Speed (mph):	ESE	
Wind Speed (mph): Precipitation:	6	
Precipitation.	Drizzle	
	Hail	
	X 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	
	X 1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	79	
·		



Cloud Cover (%):	Clear = 0-10%	REDACTED - Permit Application No. 23-00064
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	Е	
Wind Speed (mph):	5	
Precipitation:	Drizzle	
	Hail	
	X Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/	— Other (write in notes)	
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	
	X 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%	
	X Overcast = 90-100%	



Wind Speed (mph):         6           Precipitation:         □ Drizzle             Hail           X             Rain           Sleet             Snow           Thick Fog             Mist           Other (write in notes)           Other Precipitation Notes:           10           Wisc, Hourly Notes:           0800-0900           Survey Hour:           0800-0900             0900-1000           0900-1000             1000-1100           1100-1200             1100-1200           1200-1300             1300-1400           1300-1400             1500-1600           1500-1600             1800-1900           1800-1900           Temperature (F):         77           Cloud Cover (%):           Clear = 0-10%             Mostly Cloudy = 25-50%           Mostly Cloudy = 25-50%             Mostly Cloudy = 50-90%           Overcast = 90-100%           Wind Direction(s):           Drizzle             Hail           Hail             Hail           Hail             Hail           Hail             Hail           Hail             Hail           Hail             Hail           Hail             Hail           H	Wind Direction(s):	E	REDACTED - Permit Application No. 23-00064
Hall	Wind Speed (mph):	6	
Survey Hour:         ○ 8000-0900           ○ 9900-1000           ○ 1000-1100           ○ 1100-1200           ○ 1200-1300           ○ 1300-1400           ○ 1500-1600           ○ 1500-1600           ○ 1500-1800           ○ 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         Prizzle	Other Precipitation/ Precipitation Notes: Visibility (miles):	Hail X Rain Sleet Snow Thick Fog Mist Other (write in notes)	
Survey Hour:         ○ 8000-0900           ○ 9900-1000           ○ 1000-1100           ○ 1100-1200           ○ 1200-1300           ○ 1300-1400           ○ 1500-1600           ○ 1500-1600           ○ 1500-1800           ○ 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			
0900-1000	Hourly Conditions (at start of	each hour block) 10	
Cloud Cover (%):  Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  X Overcast = 90-100%  Wind Direction(s):  E  Wind Speed (mph):  7  Precipitation:  Drizzle Hail		0900-1000 1000-1100 1100-1200 1200-1300 1300-1400 1400-1500 1500-1600 1600-1700 X 1700-1800 1800-1900	
Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  X Overcast = 90-100%  Wind Direction(s):  E  Wind Speed (mph):  7  Precipitation:  Drizzle Hail	Temperature (F):	77	
Wind Speed (mph): 7  Precipitation: Drizzle Hail	Cloud Cover (%):	Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%	
Precipitation:  Drizzle Hail	Wind Direction(s):	E	
Hail	Wind Speed (mph):	7	
	Precipitation:	Hail	



			REDACTED - Permit Application No. 23-00064
		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 ho	our block) 11	
Survey Hour:		2000 0000	
•		0800-0900	
		0900-1000	
		1000-1100	
		1100-1200	
		1200-1300	
		1300-1400	
		1400-1500	
		1500-1600	
		1600-1700	
		1700-1800	
	X 1	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	90 100%	
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.

# 21029 Agricola Wind Checklist

Agricola Wind Fall Ra	aptor 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:	



### Photo to East:





S

### Photo to West:



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

E:

•	
nd Time (24 hour clock, ex: 422):	1755
urvey Duration (hr:min):	10:00
lourly Conditions (at start of	each hour block) 1
urvey Hour:	X 0800-0900

Hourly Conditions (at start of	each hour block) 1
Survey Hour:	X       0800-0900         0900-1000       1000-1100         1100-1200       1200-1300         1300-1400       1400-1500         1500-1600       1500-1600



	1600-1700	REDACTED - Permit Application No. 23-00064
	1700-1800	
	1800-1900	
Temperature (F):	68	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%  X Mostly Cloudy = 50-90%	
Wind Direction(s):	Overcast = 90-100%  NW	
Wind Speed (mph):	2	
Precipitation:		
Treespitation.	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) 2	
Survey Hour:	0000 0000	
	X 0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
Tomporature (E):	1800-1900	
Temperature (F): Cloud Cover (%):	71	
Ciouu Covei (70).	Clear = 0-10%	



	Mostly Clear X Partly Cloud Mostly Cloud Overcast = 9	y = 25-50% dy = 50-90%	REDACTED - Permit Application No. 23-00064
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) 3		
Survey Hour:	0800-0900		
	0900-1000		
	X 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		
	X Mostly Cloud		
Wind Direction(s):	U Overcast = 9	7U- 1 UU%	
with Direction(s).	V V I V V V		



Wind Speed (mph):	6	REDACTED - Permit Application No. 23-00064
Other Precipitation/ Precipitation Notes: Visibility (miles):	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)	
Misc. Hourly Notes:	11	
wisc. Hourly Notes.		
Hourly Conditions (at start of	each hour block) 4	
Survey Hour:  Temperature (F): Cloud Cover (%):	0800-0900 0900-1000 1000-1100 X 1100-1200 1200-1300 1300-1400 1400-1500 1500-1600 1600-1700 1700-1800 1800-1900 77  Clear = 0-10%	
Wind Direction(s):	Mostly Clear = 10-25%  X Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  Overcast = 90-100%  WNW	
Wind Speed (mph):	6	
Precipitation:	Drizzle Hail Rain Sleet	



	Snow		REDACTED - Per	mit Application No. 23-00064
	Thick Fog			
	Mist			
	Other (write in not	es)		
Other Precipitation/ Precipitation Notes:				
Visibility (miles):	11			
Misc. Hourly Notes:				
Hourly Conditions (at start of	ach hour block) 5			
Survey Hour:	0800-0900			
	0900-1000			
	1000-1100			
	1100-1200			
	X 1200-1300			
	1300-1400			
	1400-1500			
	1500-1600			
	1600-1700			
	1700-1800			
	1800-1900			
Temperature (F):	79			
Cloud Cover (%):	X 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			
	L Hail			
	Rain			
	Sleet			
	Snow			
	Thick Fog			
	Mist			
	Other (write in not	es)		
Other Precipitation/				



Precipitation Notes:		REDACTED - Permit Application No. 23-00064
Visibility (miles):	11	
Misc. Hourly Notes:		
Hourly Conditions (at start of	each hour block) 6	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	X 1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	82	
Cloud Cover (%):	X 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):	13	
Misc. Hourly Notes:		
•		
Hourly Conditions (at start of	each hour block) 7	



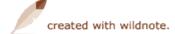
Survey Hour:	0800-0900	REDACTED - Permit Application No. 23-00064		
	0900-1000			
	1000-1100			
	1100-1200			
	1200-1300			
	1300-1400			
	X 1400-1500			
	1500-1600			
	1600-1700			
	1700-1800			
	1800-1900			
Temperature (F):	83			
Cloud Cover (%):	X Clear = 0-10%			
	Mostly Clear = 10-25%			
	Partly 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	f each hour block) 8			
Survey Hour:	0800-0900			
	0900-1000			
	1000-1100			
	1100-1200			
	1200-1300			



	1300-1400	REDACTED - Permit Application No. 23-00064
	1400-1500	
	X 1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	83	
Cloud Cover (%):	X 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 Presinitation/	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	
	X 1600-1700	
	1700-1800	



	1800-1900	REDACTED - Permit Application No. 23-00064
Temperature (F):	85	
Cloud Cover (%):	X 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	
	X 1700-1800	
	1800-1900	
Temperature (F):		
Cloud Cover (%):	85	
cloud cover (70).	X Clear = 0-10%	
Cloud Cover (70).		
Cloud Cover (70).	X Clear = 0-10%	



Wind Direction(s):	Mostly Cloudy = 50-90% Overcast = 90-100%  REDACTED - Permit Application No. 23-00064  NW
Wind Speed (mph):	4
Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog Mist 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

## 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.

#### Photo to West:



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

End Time (24 hour clock, ex: 1753

1422):

Survey Duration (hr:min): 09:53

#### Hourly Conditions (at start of each hour block) 1

Survey Hour:	Χ	0800-0900
		0900-1000
	Ш	1000-1100
	Ш	1100-1200
	Ш	1200-1300
	Ш	1300-1400
		1400-1500
		1500-1600
	Ш	1600-1700
		1700-1800
		1800-1900
Геmperature (F):	73	
Cloud Cover (%):		Clear = 0-10%
	X	Mostly Clear = 10-25%
		Partly Cloudy = 25-50%



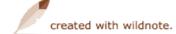
		Mostly Cloudy = 50-90%	REDACTED -	Permit Application No. 23-00064
Mind Diverties (a)	CVA	Overcast = 90-100%		
Wind Direction(s):	SW			
Wind Speed (mph):	3			
Precipitation:	Ш	Drizzle		
	Щ	Hail		
	Щ	Rain		
	Н	Sleet		
	Н	Snow		
	Ш	Thick Fog		
	Щ	Mist		
		Other (write in notes)		
Other Precipitation/ Precipitation Notes:				
Visibility (miles):	10			
Misc. Hourly Notes:				
Hourly Conditions (at start of	each	hour block) 2		
Survey Hour:		0800-0900		
	X	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%		
	X	Mostly Clear = 10-25%		
		Partly Cloudy = 25-50%		
		Mostly Cloudy = 50-90%		
		Overcast = 90-100%		
Wind Direction(s):	SW			
Wind Speed (mph):	5			
Precipitation:		Drizzle		



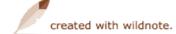
		REDACTED - Permit Application No. 23-00064
	Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at start of	each hour block) 3	
Survey Hour:	0800-0900	
	0900-1000	
	X 1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	79	
Cloud Cover (%):	Clear = 0-10%	
	X 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	REDACTED - Permit Application No. 23-00064
		Other (write in notes)	
Other Precipitation/		other (write in notes)	
Precipitation Notes:	10		
Visibility (miles): Misc. Hourly Notes:	10		
Wise. Flourly Notes.			
Hourly Conditions (at start of	f each	hour block) 4	
Survey Hour:		0800-0900	
		0900-1000	
		1000-1100	
	Х	1100-1200	
		1200-1300	
		1300-1400	
		1400-1500	
		1500-1600	
		1600-1700	
		1700-1800	
		1800-1900	
Temperature (F):	83		
Cloud Cover (%):		Clear = 0-10%	
	X	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:			



Survey Hour:    0800-0900	Hourly Conditions (at start of each hour block) 5			
Cloud Cover (%):    Clear = 0-10%	Survey Hour:	□ 0900-1000         □ 1000-1100         □ 1100-1200         X 1200-1300         □ 1300-1400         □ 1400-1500         □ 1500-1600         □ 1700-1800		
Mostly Clear = 10-25%  X 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 Precipitation/ Precipitation Notes: Visibility (miles): 10 Misc. Hourly Notes:  Hourly Conditions (at start of each hour block) 6  Survey Hour: 0800-0900 0900-1000	Temperature (F):	86		
Wind Speed (mph):  Precipitation:  Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)  Other Precipitation Notes:  Visibility (miles):  Hourly Conditions (at start of each hour block) 6  Survey Hour:  0800-0900 0900-1000	Cloud Cover (%):	Mostly Clear = 10-25%  X Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%		
Precipitation:    Drizzle	Wind Direction(s):			
Precipitation Notes:  Visibility (miles): 10  Misc. Hourly Notes:  Hourly Conditions (at start of each hour block) 6  Survey Hour: 0800-0900 0900-1000	Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog Mist		
Misc. Hourly Notes:  Hourly Conditions (at start of each hour block) 6  Survey Hour:  0800-0900  0900-1000	Precipitation Notes:			
Hourly Conditions (at start of each hour block) 6  Survey Hour:  0800-0900 0900-1000		10		
Survey Hour: 0800-0900 0900-1000	Misc. Hourly Notes:			
0900-1000	Hourly Conditions (at start of	each hour block) 6		
	Survey Hour:	0900-1000		



		REDACTED - Permit Application No. 23-00064
	1100-1200	
	1200-1300	
	X 1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):		
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	X 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/	Ctrief (write irriotes)	
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	
	X 1400-1500	
	1500-1600	
	1500-1000	



	1600-1700	REDACTED - Permit Application No. 23-00064
	1700-1800	
	1800-1900	
Temperature (F):	88	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	X Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	SW	
Wind Speed (mph):	6	
Precipitation:		
rrecipitation.	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/	Other (write in notes)	
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	
	X 1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	89	
Cloud Cover (%):		
	Clear = 0-10%	



		Mostly Clear = 10-25%	REDACTED - Permit Application No. 23-00064
	X	Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
	П	Overcast = 90-100%	
Wind Direction(s):	SW	Overcast = 90-100%	
Wind Direction(s): Wind Speed (mph):	5vv 6		
Precipitation:			
recipitation.		Drizzle	
		Hail	
		Rain	
	Щ	Sleet	
		Snow	
		Thick Fog	
		Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start of	f each l	hour block) 9	
Survey Hour:			
Survey Hour.		0800-0900	
		0900-1000	
	Щ	1000-1100	
		1100-1200	
		1200-1300	
		1300-1400	
		1400-1500	
		1500-1600	
	X	1600-1700	
		1700-1800	
		1800-1900	
Temperature (F):	90		
Cloud Cover (%):		Clear = 0-10%	
		Mostly Clear = 10-25%	
	X	Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
		Overcast = 90-100%	
Wind Direction(s):	SW		



Wind Speed (mph):	6	REDACTED - Permit Application No. 23-00064
Other Precipitation/ Precipitation Notes: Visibility (miles):	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)	
Misc. Hourly Notes:		
whise. Fround two test.		
Hourly Conditions (at start of	each hour block) 10	
Survey Hour:	0800-0900 0900-1000 1000-1100 1100-1200	
Temperature (F):	1200-1300 1300-1400 1400-1500 1500-1600 1600-1700 X 1700-1800 1800-1900	
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%  X Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  Overcast = 90-100%	
Wind Direction(s):	SW	
Wind Speed (mph):	6	
Precipitation:	Drizzle Hail Rain 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.

## 21029 Agricola Wind Checklist

Agricola Wind Fall Ra	aptor 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 South:



#### Photo to West:



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

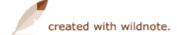
0757

End Time (24 hour clock, ex: 1747

1422):

Survey Duration (hr:min): 9:50

Hourly Conditions (at start	of each hour block) 1
Survey Hour:	X 0800-0900
	0900-1000 1000-1100
	1100-1200
	1300-1400 1400-1500
	1500-1600 1600-1700



	1700-1800	REDACTED - Permit Application No. 23-00064
	1800-1900	
Temperature (F):	64	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	NNE	
Wind Speed (mph):	1	
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	
	X 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%	REDACTED - Permit Application No. 23-00064
	X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	WSW	
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) 3	
Survey Hour:	0800-0900	
	0900-1000	
	X 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%	
	X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	WSW	
Wind Speed (mph):	3	



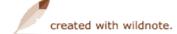
Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog	REDACTED - Permit Application No. 23-00064
	<ul><li>Mist</li><li>Other (write in notes)</li></ul>	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	11	
Misc. Hourly Notes:		
Hourly Conditions (at start of	of each hour block) 4	
Survey Hour:	0800-0900 0900-1000 1000-1100 X 1100-1200 1200-1300 1300-1400 1400-1500 1500-1600 1600-1700 1700-1800 1800-1900	
Temperature (F): Cloud Cover (%):	74  Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  X Overcast = 90-100%	
Wind Direction(s):	WSW	
Wind Speed (mph):	4	
Precipitation:	Drizzle Hail Rain Sleet Snow	



		This is no	REDACTED - Permit Application No. 23-00064
		Thick Fog	
		Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	12		
Misc. Hourly Notes:			
Hourly Conditions (at start o	f each	hour block) 5	
Survey Hour:		0800-0900	
		0900-1000	
		1000-1100	
		1100-1200 1200-1300	
	X		
		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%	
	X	Overcast = 90-100%	
Wind Direction(s):	WSV	V	
Wind Speed (mph):	4		
Precipitation:		Drizzle	
		Hail	
		Rain	
		Sleet	
		Snow	
		Thick Fog	
		Mist	
Other Dresinitation		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): Cloud Cover (%):	77  Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  X Mostly Cloudy = 50-90%  Overcast = 90-100%
Wind Direction(s):	W
Wind Speed (mph): 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 X 1400-1500 1500-1600 1600-1700	REDACTED - Permit Application No. 23-00064
	1700-1800 1800-1900	
Temperature (F):	76	
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  X 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	



	X 1500-1600	REDACTED - Permit Application No. 23-00064
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	79	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	X 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) 9	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	X 1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	79	



Cloud Cover (%):	Clear = 0-10%	REDACTED - Permit Application No. 23-00064
	X 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 o	f each hour block) 10	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	X 1700-1800	
	1800-1900	
Temperature (F):	78	
Cloud Cover (%):		
2.344 20701 (70).	☐ Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	



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

# 21029 Agricola Wind Checklist

Agricola Wind Fall Ra	ptor 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:		



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.

### Photo to West:

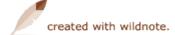


Start Time (24 hour clock, ex: 1422):

End Time (24 hour clock, ex: 1741 1422):

Survey Duration (hr:min): 0941

Hourly Conditions (at start of	each hour block) 1
Survey Hour:	X       0800-0900         □       0900-1000         □       1000-1100         □       1200-1300         □       1300-1400         □       1400-1500         □       1500-1600         □       1700-1800         □       1800-1900
Temperature (F):	64
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%



	Partly Cloudy = 25-50%	REDACTED - Permit Application No. 23-00064	
	Mostly Cloudy = 50-90%		
	X Overcast = 90-100%		
Wind Direction(s):	ENE		
Wind Speed (mph):	6		
Precipitation:			
recipitation.	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		
	X 0900-1000		
	1000-1100		
	1100-1200		
	1200-1300		
	1300-1400 1400-1500		
	1500-1600		
	1600-1700		
	1700-1800		
- 45	1800-1900		
Temperature (F):	67		
Cloud Cover (%):	Clear = 0-10%		
	Mostly Clear = 10-25%		
	Partly Cloudy = 25-50%		
	Mostly Cloudy = 50-90%		
	X Overcast = 90-100%		
Wind Direction(s):	ENE		
Wind Speed (mph):	6		



Precipitation:		Drizzle	REDACTED - Permit Application No. 23-00064
	$\Box$	Hail	
	H		
		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	aach	hour block) 3	
	eacii	Hour block) 3	
Survey Hour:		0800-0900	
		0900-1000	
	X	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%	
	$\Box$	Mostly Clear = 10-25%	
	$\overline{\Box}$	Partly Cloudy = 25-50%	
	一	Mostly Cloudy = 50-90%	
	X	Overcast = 90-100%	
Wind Direction(s):	ENE		
Wind Speed (mph):	7		
Precipitation:		Drizzle	
		Hail	
		Rain	
		Sleet	
		Snow	



		Thield For	REDACTED - Permit Application No. 23-00064
		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	
	X	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%	
	X	Overcast = 90-100%	
Wind Direction(s):	ENE		
Wind Speed (mph):	6		
Precipitation:		5:1	
•		Drizzle	
		Hail	
		Rain	
		Sleet	
		Snow	
		Thick Fog	
		Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	10		
<b>3</b> ( ) <i>y</i>			



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%  X Overcast = 90-100%
Wind Direction(s):	ENE
Wind Direction(s): Wind Speed (mph):	7 7
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:	7  Drizzle Hail Rain Sleet Snow Thick Fog Mist
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles):	7  Drizzle Hail Rain Sleet Snow Thick Fog Mist
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles):	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes: Visibility (miles): Misc. Hourly Notes:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)



	1000-110	0	REDACTED - Permit Application No. 23-00064
	1100-120	0	
	1200-130	0	
	X 1300-140		
	1400-150	0	
	1500-160		
	1600-170		
	1700-180		
	1800-190		
Temperature (F):	70		
Cloud Cover (%):	Clear = 0-	10%	
		ear = 10-25%	
		udy = 25-50%	
		oudy = 50-90%	
		= 90-100%	
Wind Direction(s):	ENE		
Wind Speed (mph):	7		
Precipitation:	Drizzle		
	Hail		
	Rain		
	Sleet		
	Snow		
	Thick Fog		
	Mist		
		ite in notes)	
Other Precipitation/ Precipitation Notes:	Other (wi	ice iii liotes)	
Visibility (miles):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start of	each hour block	7	
Survey Hour:	0800-090	0	
	0900-100	0	
	1000-110	0	
	1100-120		
	1200-130		
	1300-140		
	X 1400-150		



	1500-1600	REDACTED - Permit Application No. 23-00064
	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%  X Overcast = 90-100%	
Wind Direction(s)		
Wind Direction(s): Wind Speed (mph):	ENE 7	
Precipitation:		
. recipitation	☐ 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	
	X 1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	69	



Cloud Cover (%):	Clear = 0-10%	REDACTED - Permit Application No. 23-00064
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X 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	
	X 1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	67	
Cloud Cover (%):		
Cloud Cover (70).	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	



Wind Direction(s):	NNE	REDACTED - Permit Application No. 23-00064
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) 10	
Survey Hour:	0800-0900 0900-1000 1000-1100 1100-1200 1200-1300 1300-1400 1400-1500 1500-1600 1600-1700 X 1700-1800 1800-1900	
Temperature (F):	67	
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  X Overcast = 90-100%	
Wind Direction(s):	NNE	
Wind Speed (mph):	7	
Precipitation:	Drizzle Hail 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.

Agricola Wind Fall Rapto	or 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.

## Photo to West:



Start	Time	(24	hour	clock,	

ex: 1422):

End Time (24 hour clock, ex: 1728

0800

1422):

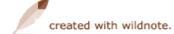
Survey Duration (hr:min): 09:28

## Hourly Conditions (at start of each hour block) 1

Survey Hour:	X 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%



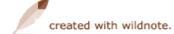
	Partly	v Cloudy = 25-50%	REDACTED - Permit Application No. 23-00064
		y Cloudy = 50-90%	
		cast = 90-100%	
Wind Direction(s):	S		
Wind Speed (mph):	12		
Precipitation:			
•	Drizzl	е	
	Hail		
	Rain		
	Sleet		
	Snow		
	L Thick	Fog	
	L Mist		
	Other	(write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start of	each hour bl	lock) 2	
Survey Hour:	0800-	.0900	
	X 0900-		
	1000-	1100	
	1100-		
	1200-		
	1300-		
	1400-		
	1500-		
	1600-		
	1700-		
	1800-		
Temperature (F):	73	.1300	
Cloud Cover (%):		0.400/	
		= 0-10%	
		y Clear = 10-25%	
		v Cloudy = 25-50% ly Cloudy = 50-90%	
		cast = 90-100%	
Wind Direction(s):	S		
Wind Speed (mph):	14		



Precipitation:	Drizzle	REDACTED - Permit Application No. 23-00064
	└── 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	
	X 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%	
	X Mostly Cloudy = 50-90%	
M"   D'   ( )	Overcast = 90-100%	
Wind Direction(s): Wind Speed (mph):	S 14	
Precipitation:		
Trecipitation.	X Drizzle	
	└─│ Hail	
	└── Rain	
	Sleet	
	Snow	



	Thick Fog  Mist Other (write in notes)	REDACTED - Permit Application No. 23-00064
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	
	X 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%	
	X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	S	
Wind Speed (mph):	14	
Precipitation:	X 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%  X Overcast = 90-100%
Wind Direction(s):	S
Wind Speed (mph):	15
Precipitation:	X Drizzle
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



		REDACTED - Permit Application No. 23-00064
	1000-1100	
	1100-1200	
	1200-1300	
	X 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%	
	X Overcast = 90-100%	
Wind Direction(s):	SSW	
Wind Speed (mph):	14	
Precipitation:	X Drizzle	
	Hail	
	X Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/	light drizzle most of the hour	
Precipitation Notes:	heavier rain starting at 1326	
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at start of	f each hour block) /	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	X 1400-1500	



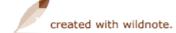
	1500-1600	REDACTED - Permit Application No. 23-00064
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	73	
Cloud Cover (%):		
	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%  X Overcast = 90-100%	
Wind Direction(s):	SW	
Wind Speed (mph):	16	
Precipitation:		
•	Drizzle	
	Hail X Rain	
	Sleet	
	Snow	
	Thick Fog	
	<ul><li>Mist</li><li>Other (write in notes)</li></ul>	
Other Precipitation/	Other (write in flotes)	
Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hands Carditions (at about a	and have blade	
Hourly Conditions (at start of	each nour block) 8	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	X 1500-1600	
	1600-1700	
	1700-1800	
_	1800-1900	
Temperature (F):	71	



Cloud Cover (%):	Clear = 0-10%	REDACTED - Permit Application No. 23-00064
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	SW	
Wind Speed (mph):	16	
Precipitation:	Drizzle	
	Hail	
	X Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/	— other (white in notes)	
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	
	X 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%  X Overcast = 90-100%	
	Nercast - 30-10070	



Wind Direction(s):	SSW	REDACTED - Permit Application No. 23-00064
Wind Speed (mph):	15	
Other Precipitation/ Precipitation Notes:  Visibility (miles):  Misc. Hourly Notes:	Drizzle Hail X Rain Sleet Snow Thick Fog Mist Other (write in notes)	
Hourly Conditions (at start of	each hour block) 10	
•	each flour block) to	
Survey Hour:	○ 0800-0900         ○ 0900-1000         ○ 1000-1100         ○ 1100-1200         ○ 1200-1300         ○ 1300-1400         ○ 1400-1500         ○ 1500-1600         ○ 1600-1700         X 1700-1800         ○ 1800-1900	
Temperature (F):	69	
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  X Overcast = 90-100%	
Wind Direction(s):	WSW	
Wind Speed (mph):	15	
Precipitation:	Drizzle Hail X 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.

Agricola Wind Fall Ra	aptor 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 South:



#### Photo to West:



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

0800

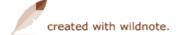
End Time (24 hour clock, ex: 1730

1422):

Survey Duration (hr:min):

9:30

Hourly Conditions (at start of	f each hour block) 1
Survey Hour:	X 0800-0900
	0900-1000
	1000-1100
	1100-1200
	1200-1300
	1300-1400
	1400-1500
	1500-1600
	1600-1700



		1700-1800	REDACTED - Permit Application No. 23-00064
		1800-1900	
Temperature (F):	55		
Cloud Cover (%):	X	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):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start of	each	hour block) 2	
Survey Hour:		0800-0900	
	X	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 (%):	X	Clear = 0-10%	
		Mostly Clear = 10-25%	



	Partly Cloudy = 25	REDA	ACTED - P	ermit Application No. 23-00064
	Mostly Cloudy = 5			
	Overcast = 90-100			
Wind Direction(s):	NW	770		
Wind Speed (mph):	5			
Precipitation:				
·	Drizzle			
	Hail			
	Rain			
	Sleet			
	Snow			
	Thick Fog			
	☐ Mist			
	Other (write in no	tes)		
Other Precipitation/ Precipitation Notes:				
Visibility (miles):	10			
Misc. Hourly Notes:				
Havely Canditions (at start of	and have black 2			
Hourly Conditions (at start of	each hour block) 3			
Survey Hour:	0800-0900			
	0900-1000			
	X 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%			
	X Mostly Clear = 10	25%		
	Partly Cloudy = 25	5-50%		
	Mostly Cloudy = 5			
	Overcast = 90-100			
Wind Direction(s):	NW			
Wind Speed (mph):	7			



Precipitation:	Drizzle	le	REDACTED - Permit Application No. 23-00064
	Hail		
	Rain		
	Sleet		
	Snow		
	L Thick	Fog	
	☐ Mist		
	U Other	r (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	11		
Misc. Hourly Notes:			
	. 6 11 11	1 124	
Hourly Conditions (at sta	rt of each hour bi	IOCK) 4	
Survey Hour:	0800-	-0900	
	0900-	-1000	
	1000-	-1100	
	X 1100-		
	1200-	-1300	
	1300-	-1400	
	1400-	-1500	
	1500-		
	1600-		
	1700-		
	1800-		
Temperature (F):	65		
Cloud Cover (%):	Cloar	= 0-10%	
		ly Clear = 10-25%	
		/ Cloudy = 25-50% ly Cloudy = 50-90%	
		cast = 90-100%	
Wind Direction(s):	NW Overc	Last - 90-100%	
Wind Speed (mph):	7		
Precipitation:			
•	Drizzle	le	
	☐ Hail		
	Rain		
	Sleet		
	Snow	!	



	Third Face	REDACTED - Permit Application No. 23-00064
	☐ Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	12	
Misc. Hourly Notes:		
Hourly Conditions (at star	rt of each hour block) 5	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	X 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%  X Mostly Cloudy = 50-90%	
Mind Disaction(s)	Overcast = 90-100%	
Wind Speed (mph):	NNW 8	
Wind Speed (mph): Precipitation:		
r recipitation.	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/		
Precipitation Notes:		
Visibility (miles):	14	



Hourly Conditions (at start of e	each hour block) 6
Survey Hour:	□       0800-0900         □       0900-1000         □       1000-1100         □       1100-1200         □       1200-1300         X       1300-1400         □       1400-1500         □       1500-1600         □       1700-1800         □       1800-1900
Temperature (F):	68
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  X Mostly Cloudy = 50-90%  Overcast = 90-100%
Wind Direction(s):	NW
	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 e	each nour block) /
Survey Hour:	0800-0900 0900-1000



	1000-1100 1100-1200 1200-1300 1300-1400 X 1400-1500 1500-1600 1600-1700	REDACTED - Permit Application No. 23-00064
	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:		
	6 11 11 12	
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	



	X 1500-1600	REDACTED - Permit Application No. 23-00064
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	68	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	X   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) 9	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	X 1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	69	



Cloud Cover (%):	Clear = 0-10%	REDACTED - Permit Application No. 23-00064
	X Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	NW	
Wind Speed (mph):	8	
Precipitation:	Drizzlo	
	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	
	X 1700-1800	
	1800-1900	
Temperature (F):	69	
Cloud Cover (%):	X Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
	Overcast = 50-10070	



Wind Direction(s):	NW	REDACTED - Permit Application No. 23-00064
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:		
Incidental Species (Alpha Codes):	PIWO, EAPH, AMCR, CORA, NOCA, RBNU, EABCCH, NOFL, MODO	WP, BLJA, AMRO, SWTH, DOWO, AMGO,
General Survey Notes:		

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 South:



#### Photo to West:



Start Time (24 hour clock,

ex: 1422):

0800

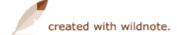
End Time (24 hour clock, ex: 1720

1422):

Survey Duration (hr:min):

9:20

Hourly Conditions (at start o	f each hour block) 1
Survey Hour:	X 0800-0900
	1200-1300 1300-1400 1400-1500 1500-1600



	1700-1800	REDACTED - Permit Application No. 23-00064
	1800-1900	
Temperature (F):	63	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	ESE	
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 nour block) 2	
Survey Hour:	0800-0900	
	X 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%	
	iviostry Clear – 10-2370	



		Partly Cloudy = 25-50%	REDACTED -	Permit Application No. 23-00064
		Mostly Cloudy = 50-90%		
		Overcast = 90-100%		
Wind Direction(s):	SE	30 100%		
Wind Speed (mph):	3			
Precipitation:		Dutanta.		
·		Drizzle		
		Hail 		
		Rain		
		ileet		
		Snow		
		hick Fog		
		Mist		
		Other (write in notes)		
Other Precipitation/ Precipitation Notes:				
Visibility (miles):	10			
Misc. Hourly Notes:				
Hourly Conditions (at start of	each ho	our block) 3		
Survey Hour:		0800-0900		
		9900-1000		
	X 1	000-1100		
	1	100-1200		
	1	200-1300		
	1	300-1400		
	1	400-1500		
		500-1600		
	1	600-1700		
	1	700-1800		
	1	800-1900		
Temperature (F):	68			
Cloud Cover (%):		Clear = 0-10%		
	<u> </u>	Mostly Clear = 10-25%		
	Ц Р	Partly Cloudy = 25-50%		
		Mostly Cloudy = 50-90%		
	Х	Overcast = 90-100%		
Wind Direction(s):	SSE			
Wind Speed (mph):	5			



Other (write in notes)  10  2ach hour block) 4  0800-0900 0900-1000 1000-1100 X 1100-1200 1200-1300 1300-1400 1400-1500 1500-1600	
each hour block) 4  0800-0900 0900-1000 1000-1100 X 1100-1200 1200-1300 1300-1400 1400-1500	
0800-0900 0900-1000 1000-1100 X 1100-1200 1200-1300 1300-1400 1400-1500	
0800-0900 0900-1000 1000-1100 X 1100-1200 1200-1300 1300-1400 1400-1500	
0900-1000 1000-1100 X 1100-1200 1200-1300 1300-1400 1400-1500	
1600-1700 1700-1800 1800-1900	
72  Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  X Mostly Cloudy = 50-90%  Overcast = 90-100%	
SSE	
6	
Drizzle Hail Rain Sleet	
	Mostly Clear = 10-25% Partly Cloudy = 25-50% X Mostly Cloudy = 50-90% Overcast = 90-100% SSE 6 Drizzle Hail Rain



	Thiston	REDACTED - Permit Application No. 23-00064
	└─ Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at sta	rt of each hour block) 5	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	X 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%  X Overcast = 90-100%	
Wind Direction(s):	S	
Wind Speed (mph):	7	
Precipitation:		
r recipitation.	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/	,	
Precipitation Notes:		
Visibility (miles):	10	



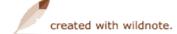
Hourly Conditions (at start of	each hour block) 6
Hourly Conditions (at start of Survey Hour:	○ 0800-0900         ○ 0900-1000         ○ 1000-1100         ○ 1100-1200         ○ 1200-1300         ※ 1300-1400         ○ 1400-1500         ○ 1500-1600         ○ 1600-1700         ○ 1700-1800
Temperature (F):	1800-1900 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



			REDACTED - Pe	ermit Application No. 23-00064
	1000-1100			• •
	1100-1200			
	1200-1300			
	1300-1400			
	X 1400-1500			
	1500-1600			
	1600-1700			
	1700-1800			
	1800-1900			
Temperature (F):	80			
Cloud Cover (%):	Clear = 0-10%			
	Mostly Clear = 1	0-25%		
	Partly Cloudy = 2	25-50%		
	X Mostly Cloudy =	50-90%		
	Overcast = 90-10	00%		
Wind Direction(s):	S			
Wind Speed (mph):	7			
Precipitation:	Drizzle			
	Hail			
	Rain			
	Sleet			
	Snow			
	Thick Fog			
	Mist	- ( )		
Others Descriptables /	Other (write in r	otes)		
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			



	X 1500-1600	REDACTED - Permit Application No. 23-00064
	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%	
	X 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):	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	
	X 1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	82	



Cloud Cover (%):	Clear = 0-10%	REDACTED - Permit Application No. 23-00064
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	X   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 Dresinitation/	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	13	
Misc. Hourly Notes:		
Hourly Conditions (at start of	f each hour block) 10	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	X 1500-1600	
	1600-1700	
	1700-1800	
Temperature (F):	1800-1900 80	
Cloud Cover (%):		
(70).	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	



Wind Direction(s):	SSW	REDACTED - Permit Application No. 23-00064
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:		
Incidental Species (Alpha Codes):	AMCR, AMGO, AMRO, BLJA, PIWO, MODO	
General Survey Notes:	Slow day due to high, persistent south winds	S.

Agricola Wind Fall Rap	otor 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:	



#### Photo to West:



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

End Time (24 hour clock, ex: 1716
1422):

Survey Duration (hr:min): 0916

Hourly Conditions (at start of each hour block) 1

Survey Hour:

X 0800-0900

0900-1000

1000-1100

1100-1200

1200-1300 1300-1400 1400-1500 1500-1600



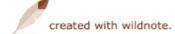
	Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  X Overcast = 90-100%	REDACTED - Permit Application No. 23-00064
Wind Direction(s): Wind Speed (mph):	SW 7	
Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at start of	each hour block) 2	
Survey Hour:	○ 0800-0900         X       0900-1000         ○ 1000-1100         ○ 1100-1200         ○ 1200-1300         ○ 1300-1400         ○ 1400-1500         ○ 1500-1600         ○ 1700-1800         ○ 1800-1900	
Temperature (F):	72	
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  X Mostly Cloudy = 50-90%  Overcast = 90-100%	
Wind Direction(s):	SW	
Wind Speed (mph):	8	



Precipitation:	X Drizzle	R	REDACTED - Permit Application No. 23-00064
	Hail		
	Rain		
	Sleet		
	Snow		
	☐ Thick Fog☐ Mist		
	Other (writ	o in notos)	
Other Precipitation/	Curier (write	e in notes)	
Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
	6 11 11 12		
Hourly Conditions (at start	of each hour block) :	3	
Survey Hour:	0800-0900		
	0900-1000		
	X 1000-1100		
	1100-1200		
	1200-1300		
	1300-1400		
	1400-1500		
	1500-1600		
	1600-1700		
	1700-1800		
	1800-1900		
Temperature (F):	74		
Cloud Cover (%):	Clear = 0-1	0%	
	Mostly Clea	ar = 10-25%	
	Partly Clou	dy = 25-50%	
	Mostly Clou	udy = 50-90%	
	X Overcast =	90-100%	
Wind Direction(s):	SW		
Wind Speed (mph):	8		
Precipitation:	X Drizzle		
	Hail		
	Rain		
	Sleet		
	Snow		



	Thick Fog	REDACTED - Permit Application No. 23-00064
	Mist	
Other Dresinitation/	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at star	t of each hour block) 4	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	X 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%	
	X Overcast = 90-100%	
Wind Direction(s):	SW	
Wind Speed (mph):	8	
Precipitation:	X Drizzle	
	Hail	
	X Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/	light drizzle for most of the hour w	ith periods of heavier rain
Precipitation Notes:	10	
Visibility (miles):	10	



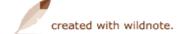
Hourly Conditions (at start of	each hour block) 5
Survey Hour:	□ 0800-0900         □ 0900-1000         □ 1000-1100         □ 1100-1200         ※ 1200-1300         □ 1300-1400         □ 1400-1500         □ 1500-1600         □ 1700-1800         □ 1800-1900
Temperature (F):	75
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  X Overcast = 90-100%
Wind Direction(s):	WSW
Wind Direction(s):	VV3VV
Wind Speed (mph): Precipitation:	7  X Drizzle Hail X Rain Sleet Snow Thick Fog Mist Other (write in notes)
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:	<ul> <li>7</li> <li>X Drizzle</li> <li>Hail</li> <li>X Rain</li> <li>Sleet</li> <li>Snow</li> <li>Thick Fog</li> <li>Mist</li> <li>Other (write in notes)</li> </ul>
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes: Visibility (miles):	7 X Drizzle Hail X Rain Sleet Snow Thick Fog Mist
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:	<ul> <li>7</li> <li>X Drizzle</li> <li>Hail</li> <li>X Rain</li> <li>Sleet</li> <li>Snow</li> <li>Thick Fog</li> <li>Mist</li> <li>Other (write in notes)</li> </ul>
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes: Visibility (miles):	Thick Fog Mist Other (write in notes)
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles): Misc. Hourly Notes:	Thick Fog Mist Other (write in notes)



	REDACTED - Permit Application No. 23-00064
	1000-1100
	1100-1200
	1200-1300
	X 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%
	X Overcast = 90-100%
Wind Direction(s):	W
Wind Speed (mph):	7
Precipitation:	X Drizzle
	Hail
	X Rain
	Sleet
	Snow
	X Thick Fog
	Mist
	Other (write in notes)
Other Precipitation/	periods of drizzle and rain lasted the whole hour with fog rolling in from the W at about
Precipitation Notes:	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
	X 1400-1500
	7 1400 1500



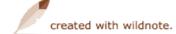
	REDACTED - Permit Application No. 23-00064
	1600-1700
	1700-1800
	1800-1900
Temperature (F):	71
Cloud Cover (%):	
cioda cover (70).	Clear = 0-10%
	Mostly Clear = 10-25%
	Partly Cloudy = 25-50%
	Mostly Cloudy = 50-90%
	X Overcast = 90-100%
Wind Direction(s):	WNW
Wind Speed (mph):	7
Precipitation:	X Drizzle
	Hail
	X Rain
	Sleet
	Snow
	X Thick Fog
	Mist
	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
	X 1500-1600
	1600-1700
	1700-1800
	1800-1900
Temperature (F):	71



Cloud Cover (%):	Clear = 0-10%	REDACTED - Permit Application No. 23-00064
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	WNW	
Wind Speed (mph):	7	
Precipitation:	X Drizzle	
	Hail	
	X 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) 0	
	each flour block) 9	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	X 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%	
	X Overcast = 90-100%	



Wind Direction(s):	W	REDACTED - Permit Application No. 23-00064
Wind Speed (mph):	9	
Precipitation:	X Drizzle	
	Hail	
	X Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at sta	rt 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	
	X 1700-1800	
	1800-1900	
Temperature (F):	68	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	NW	
Wind Speed (mph):	6	
Precipitation:	Drizzle	
	☐ Hail X Rain	



# 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 South:



### Photo to West:



Start Time (24 hour clock,

ex: 1422):

End Time (24 hour clock, ex: 1707

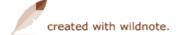
1422):

Survey Duration (hr:min):

0800

9:07

Hourly Conditions (at start of	each hour block) 1
Survey Hour:	X 0800-0900
	0900-1000
	1000-1100
	1100-1200
	1200-1300
	1300-1400
	1400-1500
	1500-1600
	1600-1700



		1700-1800	REDACTED - Permit Application No. 23-00064
		1800-1900	
Temperature (F):	51		
Cloud Cover (%):	X	Clear = 0-10%	
		Mostly Clear = 10-25%	
		Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
		Overcast = 90-100%	
Wind Direction(s):	Е		
Wind Speed (mph):	3		
Precipitation:		Drizzle	
		Hail	
		Rain	
		Sleet	
		Snow	
		Thick Fog	
	$\Box$	Mist	
		Other (write in notes)	
Other Precipitation/		· · · · · · · · · · · · · · · · · · ·	
Precipitation Notes:			
Visibility (miles):	11		
Misc. Hourly Notes:			
Hourly Conditions (at start of	each	hour block) 2	
-	Cacii		
Survey Hour:		0800-0900	
	Х	0900-1000	
		1000-1100	
	Щ	1100-1200	
	Щ	1200-1300	
	Ш	1300-1400	
		1400-1500	
		1500-1600	
	Ш	1600-1700	
	Ш	1700-1800	
		1800-1900	
Temperature (F):	57		
Cloud Cover (%):	X	Clear = 0-10%	
		Mostly Clear = 10-25%	



	Partly Cloudy = 25-50%	REDACTED - Permit Application No. 23-00064
	Mostly Cloudy = 50-90%	
Wind Direction(s)	Overcast = 90-100% SE	
Wind Direction(s): Wind Speed (mph):	5	
Precipitation:		
recipitation.	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	
	X 1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	62	
Cloud Cover (%):	X 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	



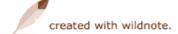
Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog	REDACTED - Permit Application No. 23-00064
	<ul><li>Mist</li><li>Other (write in notes)</li></ul>	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	12	
Misc. Hourly Notes:		
Hourly Conditions (at start of	of each hour block) 4	
Survey Hour:	○ 0800-0900         ○ 0900-1000         ○ 1000-1100         ※ 1100-1200         ○ 1200-1300         ○ 1300-1400         ○ 1400-1500         ○ 1500-1600         ○ 1700-1800         ○ 1800-1900	
Temperature (F): Cloud Cover (%):	70  Clear = 0-10%  X 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	



	Third Fac	REDACTED - Permit Application No. 23-00064
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	13	
Misc. Hourly Notes:		
Hourly Conditions (at star	t of each hour block) 5	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	X 1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	73	
Cloud Cover (%):	Clear = 0-10%	
	X Mostly Clear = 10-259	6
	Partly Cloudy = 25-50	
	Mostly Cloudy = 50-90	
		J 70
Wind Direction(s):	Overcast = 90-100% SSE	
Wind Direction(s): Wind Speed (mph):	7	
Precipitation:		
Trecipitation.	Drizzle	
	☐ Hail	
	Rain	
	Sleet	
	Snow	
	L Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/	,	
Precipitation Notes:		
Visibility (miles):	13	



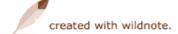
Hourly Conditions (at start of	each hour block) 6	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	X 1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	74	
Cloud Cover (%):	Clear = 0-10%	
	X Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	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 X 1400-1500 1500-1600 1600-1700 1700-1800	REDACTED - Permit Application No. 23-00064
	1800-1900	
Temperature (F):	76	
Cloud Cover (%):	Clear = 0-10%  X	
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	



	X 1500-1600	REDACTED - Permit Application No. 23-00064
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	77	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	X 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) 9	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	X 1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	78	



Cloud Cover (%):	Clear = 0-10%	REDACTED - Permit Application No. 23-00064
	Mostly Clear = 10-25%	
	X Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	SSE	
Wind Speed (mph):	7	
Precipitation:		
r recipitation.	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:	0000 0000	
•	0800-0900	
	<u> </u>	
	1000-1100	
	<u> </u>	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	X 1700-1800	
	1800-1900	
Temperature (F):	75	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
	Overcast = 30-10070	



Wind Direction(s):	SSE	REDACTED - Permit Application No. 23-00064
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:		
Incidental Species (Alpha Codes):	MODO, NOFL, AMCR, BLJA, AMGO, BCCH, M	ODO
General Survey Notes:	Persistent south winds.	

# 21029 Agricola Wind Checklist

Agricola Wind Fall Rap	tor 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:	



# Photo to West:



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:	X       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%	REDACTED - Permit Application No. 23-00064
	Mostly Cloudy = 50-90%  X Overcast = 90-100%	
W. 18: ()		
Wind Direction(s):	SE	
Wind Speed (mph):	11	
Precipitation:	X Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/	light drizzle on and off	
Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at start of	each hour block) 2	
Survey Hour:	0800-0900	
	X 0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
Tomporatura (E):	1800-1900 68	
Temperature (F): Cloud Cover (%):		
Cloud Cover (70).	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	SE	
Wind Speed (mph):	13	



Precipitation:	X Drizzle	REDACTED - Permit Application No. 23-00064
	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 star	t of each hour block) 3	
Survey Hour:	0800-0900	
	0900-1000	
	X 1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	L 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%	
	X Overcast = 90-100%	
Wind Direction(s):	SE	
Wind Speed (mph):	12	
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	



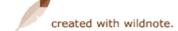
	This I. Far	REDACTED - Permit Application No. 23-00064
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at star	rt of each hour block) 4	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	X 1100-1200	
	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%	
	X 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/	Other (write in flotes)	
Precipitation Notes:		
Visibility (miles):	10	



Hourly Conditions (at start of each hour block) 5		
Survey Hour:	□ 0800-0900         □ 0900-1000         □ 1000-1100         □ 1100-1200         X 1200-1300         □ 1300-1400         □ 1400-1500         □ 1500-1600         □ 1700-1800         □ 1800-1900	
Temperature (F):	72	
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  X Overcast = 90-100%	
Wind Direction(s):	SSE	
Wind Speed (mph):	13	
Precipitation:	<ul> <li>X Drizzle</li> <li>Hail</li> <li>X Rain</li> <li>Sleet</li> <li>Snow</li> <li>Thick Fog</li> <li>Mist</li> <li>Other (write in notes)</li> </ul>	
Other Precipitation/ Precipitation Notes:	10	
Visibility (miles): Misc. Hourly Notes:	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 X 1300-1400 1400-1500	REDACTED - Permit Application No. 23-00064
	1500-1600 1600-1700	
	1700-1800	
Temperature (F):	1800-1900 73	
Cloud Cover (%):		
	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%  X Overcast = 90-100%	
Wind Direction(s):	X   Overcast = 90-100%   SSE	
Wind Speed (mph):	13	
Precipitation:	X 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	
	X 1400-1500	



	1500-1600	REDACTED - Permit Application No. 23-00064
	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%  X Overcast = 90-100%	
Wind Direction(s)		
Wind Direction(s): Wind Speed (mph):	SSE 10	
Precipitation:	_	
. recipitation	X 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	
	X 1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	72	



Cloud Cover (%):	Clear = 0-10%	REDACTED - Permit Application No. 23-00064
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	SSE	
Wind Speed (mph):	12	
Precipitation:	X Drizzle	
	Hail	
	X 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:	0000 0000	
•	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	X 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%	
	X Overcast = 90-100%	



Wind Direction(s):	SSE	REDACTED - Permit Application No. 23-00064
Wind Speed (mph):	14	
Precipitation:	Drizzle	
	Hail	
	X Rain	
	Ħ	
	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) 10	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	X 1700-1800	
	1800-1900	
Temperature (F):	71	
Cloud Cover (%):		
Cloud Cover (70).	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	SSE	
Wind Speed (mph):	15	
Precipitation:	Drizzle	
	Hail	
	X Rain	



# 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 South:



### Photo to West:



0800

Start Time (24 hour clock,

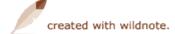
ex: 1422):

End Time (24 hour clock, ex: 1650

1422):

Survey Duration (hr:min): 8:50

Hourly Conditions (at start of	each hour block) 1
Survey Hour:	X 0800-0900
	0900-1000
	1000-1100
	1100-1200
	1200-1300
	1300-1400
	1400-1500
	1500-1600
	1600-1700



		1700-1800	REDACTED - Permit Application No. 23-00064
		1800-1900	
Temperature (F):	64		
Cloud Cover (%):		Clear = 0-10%	
	H	Mostly Clear = 10-25%	
		Partly Cloudy = 25-50%	
	X	Mostly Cloudy = 50-90% Overcast = 90-100%	
Wind Direction(s)			
Wind Speed (mph):	WNV 1	V	
Wind Speed (mph): Precipitation:	<u>'</u>		
rrecipitation.		Drizzle	
	Щ	Hail	
	Щ	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	f each	hour block) 2	
Survey Hour:		0800-0900	
	X	0900-1000	
		1000-1100	
		1100-1200	
		1200-1300	
		1300-1400	
		1400-1500	
		1500-1600	
		1600-1700	
		1700-1800	
T (F)		1800-1900	
Temperature (F):	63		
Cloud Cover (%):	Щ	Clear = 0-10%	
		Mostly Clear = 10-25%	



	Partly Cloudy = 25-50%	REDACTED - Permit Application No. 23-00064
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	WNW	
Wind Speed (mph):	3	
Precipitation:		
recipitation.	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	
	X 1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
Tomporature (E):	1800-1900 64	
Temperature (F): Cloud Cover (%):		
Cloud Cover (70).	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	WNW	
Wind Speed (mph):	3	



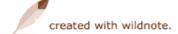
Precipitation:	Drizzle	REDACTED - Permit Application No. 23-00064
	Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	11	
Misc. Hourly Notes:		
Hourly Conditions (at start of	each hour block) 4	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	X 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%	
	X Overcast = 90-100%	
Wind Direction(s):	WNW	
Wind Speed (mph):	4	
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	



	Thirds Fare	REDACTED - Permit Application No. 23-00064
	☐ Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	12	
Misc. Hourly Notes:		
Hourly Conditions (at star	rt of each hour block) 5	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	X 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%  X Mostly Cloudy = 50-90%	
Mind Disaction(a)	Overcast = 90-100%	
Wind Speed (mph):	NW 4	
Wind Speed (mph): Precipitation:		
r recipitation.	Drizzle	
	L 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         X       1300-1400         □       1400-1500         □       1500-1600
	1600-1700
	1700-1800 1800-1900
Temperature (F): Cloud Cover (%):	65 Clear = 0-10%
	Mostly Clear = 10-25%
	Partly Cloudy = 25-50%
	X Mostly Cloudy = 50-90%
Wr. ID: ()	Overcast = 90-100%
Wind Direction(s):	NW -
Wind Speed (mph): Precipitation:	5
Precipitation.	Drizzle Drizzle
	Hail
	Rain
	□ Sleet
	Snow
	Thick Fog
	Mist Other (write in peter)
Other Precipitation/	Other (write in notes)
Precipitation Notes:	
Visibility (miles):	17
Misc. Hourly Notes:	
House Conditions (at start of	each hour block) 7
Hourly Conditions (at start of	—— each flour block) /
Survey Hour:	0800-0900 0900-1000
	0900-1000



	1000-1100 1100-1200 1200-1300 1300-1400 X 1400-1500 1500-1600 1600-1700	REDACTED - Permit Application No. 23-00064
	1700-1800	
Tomporature (F):	LJ 1800-1900 66	
Temperature (F): Cloud Cover (%):		
21000 20VC1 (70).	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	X Mostly Cloudy = 50-90%	
Wind Direction(s):	Overcast = 90-100% WNW	
Wind Speed (mph):	7	
Precipitation:		
·	Drizzle	
	└─ Hail	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/	Circl (write in notes)	
Precipitation Notes:		
Visibility (miles):	21	
Misc. Hourly Notes:		
Hourly Conditions (at start	t of each hour block) 9	
Hourly Conditions (at start	t of each flour block) 8	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	



	X 1500-1600	REDACTED - Permit Application No. 23-00064
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	66	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	X 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):	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	
	X 1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	68	



Cloud Cover (%):	Clear = 0-10%
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:	

# 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:	





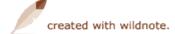
Photo to South:



### Photo to West:



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:	X       0800-0900         □       0900-1000         □       1000-1100         □       1100-1200         □       1200-1300         □       1300-1400         □       1400-1500         □       1500-1600         □       1700-1800         □       1800-1900
Temperature (F):	50
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%



	Partly Cloudy = 25-50%	REDACTED - Permit Application No. 23-00064
	X Mostly Cloudy = 50-90%	
W. 18: ( )	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):	10	
Misc. Hourly Notes:		
Hourly Conditions (at start of	each hour block) 2	
Survey Hour:	0800-0900	
	X 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%	
	X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	W	
Wind Speed (mph):	7	



Precipitation:	Drizzle	REDACTED - Permit Application No. 23-00064
	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	
	X 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%	6
	X Mostly Cloudy = 50-90	%
	Overcast = 90-100%	
Wind Direction(s):	W	
Wind Speed (mph):	7	
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	



		REDACTED - Permit Application No. 23-00064
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at star	t of each hour block) 4	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	X 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%  X Mostly Cloudy = 50-90%	
N. 15: ( )	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/	Other (write in notes)	
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         ○ 1700-1800         ○ 1800-1900
Tomporature (E):	
Temperature (F): Cloud Cover (%):	61  Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  X 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	REDACTED - Permit Application No. 23-00064
		0-1200	
		)-1300 )-1400	
		)-1500	
		)-1600	
		)-1700	
	1700	)-1800	
	1800	)-1900	
Temperature (F):	63		
Cloud Cover (%):	Clea	r = 0-10%	
	Mos	tly Clear = 10-25%	
		ly Cloudy = 25-50%	
	X Mos	tly Cloudy = 50-90%	
	☐ Over	rcast = 90-100%	
Wind Direction(s):	NW		
Wind Speed (mph):	12		
Precipitation:	Drizz	zle	
	L Hail		
	Rain		
	Sleet	t	
	Snov	N	
	L Thicl	k Fog	
	Mist		
	Othe	er (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start o	f each hour b	olock) 7	
Survey Hour:	0800	)-0900	
	0900	)-1000	
	1000	)-1100	
		0-1200	
		)-1300	
		0-1400	
		)-1 <del>5</del> 00	
		·	



	1500-1600	REDACTED - Permit Application No. 23-00064
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	63	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	X 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/	Cities (write in notes)	
Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at start of	anch hour block) 9	
	each flour blocky's	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	X 1500-1600	
	1600-1700	
	1700-1800	
T (5)	1800-1900	
Temperature (F):	64	



Cloud Cover (%):	Clear = 0-10%	REDACTED - Permit Application No. 23-00064
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	NW	
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 or	f each hour block) 9	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	X 1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	63	
Cloud Cover (%):		
(70).	└── Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	



Wind Direction(s):	NW	REDACTED - Permit Application No. 23-00064
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:		
Incidental Species (Alpha Codes):	AMCR, EUST, MODO, NOFL, ROPI, AMRO, AM	лgo, cang, sosp
General Survey Notes:	The morning was cool at about 50F and moswith winds out of the W for most of the day, point were completely cut for the first time	

### 21029 Agricola Wind Checklist

Agricola Wind Fall Ra	aptor 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, 0800 ex: 1422):

End Time (24 hour clock, ex: 1645

1422):

Survey Duration (hr:min): 8:45

Hourly Conditions (at start of	f each hour block) 1
Survey Hour:	X 0800-0900
	0900-1000
	1000-1100
	1100-1200
	1200-1300
	1300-1400
	1400-1500
	1500-1600
	1600-1700



		1700-1800	REDACTED - Permit Application No. 23-00064
		1800-1900	
Temperature (F):	61	.000 1900	
Cloud Cover (%):		51 0 1004	
. ,		Clear = 0-10%	
		Mostly Clear = 10-25%	
		Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
	X	Overcast = 90-100%	
Wind Direction(s):			
Wind Speed (mph):	WNW		
Precipitation:		Drizzle	
		Hail	
		Rain	
		Sleet	
		Snow	
	X	Thick Fog	
	X	Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	2		
Misc. Hourly Notes:			
Hourly Conditions (at start of	f each h	our 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):	63		
Cloud Cover (%):		Clear = 0-10%	
		Mostly Clear = 10-25%	



	Partly Cloudy = 25-50%	REDACTED - Permit Application No. 23-00064
	Mostly Cloudy = 50-90%  X Overcast = 90-100%	
Mind Disaction(a)		
Wind Direction(s):	NNW	
Wind Speed (mph):	2	
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	
	X 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	
	X 1000-1000	
	H	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
Tamanaratura (F)	1800-1900 61	
Temperature (F): Cloud Cover (%):		
Cloud Cover (70).	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	NNW	
Wind Speed (mph):	2	



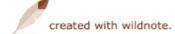
Precipitation:		Drizzle	REDACTED - Permit Application No. 23-00064
		Hail	
		Rain	
		Sleet	
		Snow	
		Thick Fog	
		Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	1		
Misc. Hourly Notes:			
Hourly Conditions (at start of	each h	our block) 4	
Survey Hour:		0800-0900	
		0900-1000	
		1000-1100	
		1100-1200	
		1200-1300	
		1300-1400	
		1400-1500	
		1500-1600	
		1600-1700	
		1700-1700	
Tomporature (F):	62	1800-1900	
Temperature (F): Cloud Cover (%):			
Cloud Cover (70).		Clear = 0-10%	
		Mostly Clear = 10-25%	
		Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
	X	Overcast = 90-100%	
Wind Direction(s):	NW		
Wind Speed (mph):	2		
Precipitation:		Drizzle	
		Hail	
		Rain	
		Sleet	
		Snow	



	This I. For	REDACTED - Permit Application No. 23-00064
	Thick Fog	
	X 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	
	X 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%	
	X 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         □       1200-1300         ▼       1300-1400         □       1400-1500         □       1500-1600         □       1600-1700         □       1700-1800	
Temperature (F):	64 1800-1900	
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  X Overcast = 90-100%	
Wind Direction(s):	NW	
Wind Speed (mph):	3	
Precipitation:	Drizzle Hail Rain Sleet Snow X 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 X 1400-1500 1500-1600 1600-1700 1700-1800	REDACTED - Permit Application No. 23-00064
	1800-1900	
Temperature (F):	64	
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  X Overcast = 90-100%	
Wind Direction(s):	NW	
Wind Speed (mph):	3	
Precipitation:	Drizzle Hail Rain Sleet Snow X 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	



	X 1500-1600	REDACTED - Permit Application No. 23-00064
	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%	
	X 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:		
Harry Canditions (at start of	oodh hour blod () O	
Hourly Conditions (at start of	each nour block) 9	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	X 1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	63	



Cloud Cover (%):	Clear = 0-10%
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.

# 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:



### Photo to West:



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

End Time (24 hour clock, ex: 1639 1422):

Survey Duration (hr:min): 0839

Hourly Conditions (at start of	each hour block) 1
Survey Hour:	X       0800-0900         □       0900-1000         □       1000-1100         □       1100-1200         □       1200-1300         □       1300-1400         □       1400-1500         □       1500-1600         □       1700-1800         □       1800-1900
Temperature (F):	59
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%



	Partly Cloudy = 25-509	REDACTED - Permi	it Application No. 23-00064
	Mostly Cloudy = 50-90		
	X Overcast = 90-100%	70	
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		
	X 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 = 25-509	ó	
	Mostly Cloudy = 50-90	%	
	X Overcast = 90-100%		
Wind Direction(s):	NE		
Wind Speed (mph):	5		



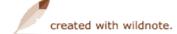
Precipitation:	Drizzle	REDACTED - Permit Application No. 23-00064
	└── Hail	
	Rain	
	Sleet	
	Snow	
	☐ Thick Fog	
	☐ Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at start of	of each hour block) 3	
Survey Hour:	0800-0900	
	0900-1000	
	X 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%	
	X Overcast = 90-100%	
Wind Direction(s):	NE	
Wind Speed (mph):	5	
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	



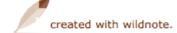
		This is Fac	REDACTED - Permit Application No. 23-00064
		Thick Fog	
		Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start of	of each	hour block) 4	
Survey Hour:		0800-0900	
		0900-1000	
		1000-1100	
	X	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%	
	X	Overcast = 90-100%	
Wind Direction(s):	ENE		
Wind Speed (mph):	3		
Precipitation:		Difference	
·		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         □ 1500-1600         □ 1500-1800         □ 1700-1800         □ 1800-1900
Temperature (F):	65
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  X 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	REDACTED - Permit Application No. 23-00064
		1200-1300	
	X	1300-1400	
		1400-1500	
		1500-1600	
		1600-1700	
		1700-1800	
		1800-1900	
Temperature (F):	67		
Cloud Cover (%):		Clear = 0-10%	
		Mostly Clear = 10-25%	
	Щ	Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
	Χ	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) /	
Survey Hour:		0800-0900	
		0900-1000	
		1000-1100	
		1100-1200	
		1200-1300	
		1300-1400	
	X	1400-1500	



	1500-1600	REDACTED - Permit Application No. 23-00064
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	69	
Cloud Cover (%):		
Cloud Cover (70).	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X 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	
	X 1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	70	



Cloud Cover (%):	Clear = 0-10%	REDACTED - Permit Application No. 23-00064
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	ESE	
Wind Speed (mph):	5	
Precipitation:		
·	Drizzle	
	└─│ Hail	
	L 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	
	X 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%	
	X Overcast = 90-100%	



Wind Direction(s):	ESE	REDACTED - Permit Application No. 23-00064
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:		
Incidental Species (Alpha Codes):	AMCR, SOSP, ROPI, MODO, EUST, BLJA, CAN	G, AMGO, BCCH, KILL
General Survey Notes:	It was an overcast day with light winds from Temperatures reached 70F.	the NE shifting to the SE later in the day.

Agricola Wind Fall Ra	aptor 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 South:



#### Photo to West:



Start Time (24 hour clock,

ex: 1422):

End Time (24 hour clock, ex: 1630

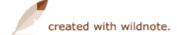
1422):

Survey Duration (hr:min):

0812

8:18

Hourly Conditions (at start of	of each hour block) 1
Survey Hour:	X 0800-0900
	0900-1000
	1000-1100
	1100-1200
	1200-1300
	1300-1400
	1400-1500
	1500-1600
	1600-1700



		1700-1800	REDACTED - Permit Application No. 23-00064
		1800-1900	
Temperature (F):	64		
Cloud Cover (%):		Clear = 0-10%	
	H		
	H	Mostly Clear = 10-25%	
	H	Partly Cloudy = 25-50%	
	X	Mostly Cloudy = 50-90% Overcast = 90-100%	
Wind Direction(s)		Overcast = 90-100%	
Wind Direction(s): Wind Speed (mph):	SSE 4		
Precipitation:	4		
recipitation.		Drizzle	
	$\mathbb{H}$	Hail	
	$\vdash$	Rain	
		Sleet	
	$\sqcup$	Snow	
	Ш	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	
	X	0900-1000	
	Ħ	1000-1100	
	Ħ	1100-1200	
	H	1200-1300	
	H		
	H	1300-1400	
	H	1400-1500	
	H	1500-1600	
	H	1600-1700	
	H	1700-1800	
Tamanamatawa (EV)		1800-1900	
Temperature (F):	65		
Cloud Cover (%):		Clear = 0-10%	
		Mostly Clear = 10-25%	



		Partly Cloudy = 25-50%	REDACTED - Permit Application No. 23-00064
	X	Mostly Cloudy = 50-90%	
		Overcast = 90-100%	
Wind Direction(s):	SSE		
Wind Speed (mph):	7		
Precipitation:	Щ	Drizzle	
	Ш	Hail	
	Ш	Rain	
	Ш	Sleet	
	Ш	Snow	
	Ш	Thick Fog	
		Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start of	each l	nour block) 3	
Survey Hour:		0800-0900	
	一	0900-1000	
	X	1000-1100	
		1100-1200	
		1200-1300	
		1300-1400	
	$\overline{\Box}$	1400-1500	
	$\overline{\Box}$	1500-1600	
	一	1600-1700	
	一	1700-1800	
		1800-1900	
Temperature (F):	65	1800-1900	
Cloud Cover (%):			
,		Clear = 0-10%	
	X	Mostly Clear = 10-25% Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
Wind Direction(s)		Overcast = 90-100%	
Wind Speed (mph):	SSE 7		
Wind Speed (mph):	/		



Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog	REDACTED - Permit Application No. 23-00064
	Mist Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles): Misc. Hourly Notes:	10	
Hourly Conditions (at start	of each hour block) 4	
Survey Hour:	0800-0900 0900-1000 1000-1100 X 1100-1200 1200-1300 1300-1400 1400-1500 1500-1600 1600-1700 1700-1800 1800-1900	
Temperature (F): Cloud Cover (%):	68  Clear = 0-10%  X 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	



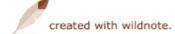
	This Land	REDACTED - Permit Application No. 23-00064
	☐ Thick Fog	
	☐ Mist	
	Other (write i	n notes)
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at star	t of each hour block) 5	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200 X 1200-1300	
	H	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	69	
Cloud Cover (%):	Clear = 0-10%	
	X Mostly Clear =	= 10-25%
	Partly Cloudy	= 25-50%
	Mostly Cloudy	
	Overcast = 90	
Wind Direction(s):	SSE	
Wind Speed (mph):	8	
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	
	☐ Thick Fog	
	☐ Mist	
	Other (write i	n notes)
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	



Hourly Conditions (at start of	each hour block) 6
Survey Hour:	each hour block) 6  0800-0900 0900-1000 1000-1100 1100-1200 1200-1300 X 1300-1400 1400-1500 1500-1600 1600-1700 1700-1800 1800-1900
Temperature (F):	72
Cloud Cover (%):	Clear = 0-10%  X
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:	Snow Thick Fog Mist Other (write in notes)
Precipitation Notes: Visibility (miles):	Snow Thick Fog Mist
Precipitation Notes:	Snow Thick Fog Mist Other (write in notes)
Precipitation Notes: Visibility (miles):	Snow Thick Fog Mist Other (write in notes)
Precipitation Notes: Visibility (miles): Misc. Hourly Notes:	Snow Thick Fog Mist Other (write in notes)



	1000-1100 1100-1200 1200-1300 1300-1400 X 1400-1500 1500-1600 1600-1700	REDACTED - Permit Application No. 23-00064
	1700-1800 1800-1900	
Temperature (F):	72	
Cloud Cover (%):	X 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):	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	



	X 1500-160	00	REDACTED - Permit Application No. 23-00064
	1600-170	00	
	1700-180	00	
	1800-190	00	
Temperature (F):	72		
Cloud Cover (%):	X Clear = 0	-10%	
	Mostly Cl	lear = 10-25%	
		oudy = 25-50%	
	Mostly Cl	loudy = 50-90%	
	Overcast	= 90-100%	
Wind Direction(s):	SSE		
Wind Speed (mph):	8		
Precipitation:	Drizzle		
	Hail		
	Rain		
	Sleet		
	Snow		
	Thick Fog	5	
	Mist		
	Other (w	rite in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	12		
Misc. Hourly Notes:			
Hourly Conditions (at start of	each hour block	x) 9	
Survey Hour:	0800-090	00	
	0900-100	00	
	1000-110	00	
	1100-120	00	
	1200-130	00	
	1300-140	00	
	1400-150	00	
	1500-160	00	
	X 1600-170	00	
	1700-180	00	
	1800-190	00	
Temperature (F):	73		



Cloud Cover (%):	X 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):	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, DEJ	JU, BLJA, AMRO
General Survey Notes:	Started a little later after relocating from So at that site.	outh survey location due to road construction

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:



### Photo to West:



Start Time	(24 hour	clock,	0800

ex: 1422):

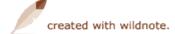
End Time (24 hour clock, ex: 1627

1422):

Survey Duration (hr:min): 0827

## Hourly Conditions (at start of each hour block) 1

Survey Hour:	X 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%
	X Partly Cloudy = 25-50%



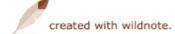
	Mostly Cloudy = 50-90%	REDACTED - Permit Application No. 23-00064
	Overcast = 90-100%	
Wind Direction(s):	S	
Wind Speed (mph):	6	
Precipitation:		
Tredipitation.	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/		
Precipitation Notes:	10	
Visibility (miles): Misc. Hourly Notes:	10	
wisc. Hourly Notes.		
Hourly Conditions (at start of	each hour block) 2	
Survey Hour:		
Sarvey Hour.	0800-0900	
	X 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%	
	X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	S	
Wind Speed (mph):	7	
Precipitation:	X Drizzle	



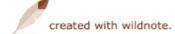
		REDACTED - Permit Application No. 23-00064
	Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:	light drizzle on and off	
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at start of	each hour block) 3	
Survey Hour:	0800-0900	
	0900-1000	
	X 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%	
	X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	S Sveredst 30 100%	
Wind Speed (mph):	6	
Precipitation:	X Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	
	IIIICK 10g	



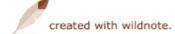
	Mist	REDACTED - Permit Application No. 23-00064
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:	light drizzle on and off	
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at start of	each hour block) 4	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	X 1100-1200	
	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%	
	X 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:		



○ 0800-0900         ○ 0900-1000         ○ 1000-1100         ○ 1100-1200         ※ 1200-1300         ○ 1300-1400         ○ 1400-1500         ○ 1500-1600         ○ 1700-1800         ○ 1800-1900
69
Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  X Mostly Cloudy = 50-90%  Overcast = 90-100%
SSW
Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)
10
each hour block) 6
0800-0900 0900-1000 1000-1100



	1100-1200	REDACTED - Permit Application No. 23-00064
	X 1300-1300	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
T (5)	1800-1900	
Temperature (F):	71	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	X 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	
	X 1400-1500	
	1500-1600	



	1600-1700	REDACTED - Permit Application No. 23-00064
	1700-1800	
	1800-1900	
Temperature (F):	72	
Cloud Cover (%):		
. ,	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X   Overcast = 90-100%	
Wind Direction(s):	WSW	
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	
	X 1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	74	
Cloud Cover (%):	Clear = 0-10%	



	Mostly Clear = 10-25%	REDACTED - Permit Application No. 23-00064
	Partly Cloudy = 25-50%	
	X Mostly Cloudy = 50-90%	
Wind Disaction(s)	Overcast = 90-100%	
Wind Speed (mph):	WSW	
Wind Speed (mph): Precipitation:	5	
rrecipitation.	X 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	
	X 1600-1700	
	1700-1800	
Tomporatura (E):	1800-1900 73	
Temperature (F): Cloud Cover (%):		
Cloud Cover (70).	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%  X Mostly Cloudy = 50-90%	
Wind Direction(s):	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.

Agricola Wind Fall Ra	aptor 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):

End Time (24 hour clock, ex: 1620

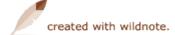
1422):

Survey Duration (hr:min):

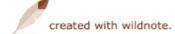
0800

8:20

Hourly Conditions (at star	of each hour block) 1
Survey Hour:	X 0800-0900
	0900-1000
	1000-1100
	1100-1200
	1200-1300
	1300-1400
	1400-1500
	1500-1600
	1600-1700



		1700-1800	REDACTED - Permit Application No. 23-00064
		1800-1900	
Temperature (F):	40		
Cloud Cover (%):		Cl. 0.40%	
. ,		Clear = 0-10%	
	X	Mostly Clear = 10-25%	
		Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
		Overcast = 90-100%	
Wind Direction(s):	WNV	V	
Wind Speed (mph):	2		
Precipitation:		Drizzle	
		Hail	
		Rain	
		Sleet	
		Snow	
	$\Box$	Thick Fog	
	$\Box$	Mist	
	П	Other (write in notes)	
Other Precipitation/		Other (write in notes)	
Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start of	each	hour block) 2	
Survey Hour:		0800-0900	
	X	0900-1000	
	H	1000-1100	
	H	1100-1200	
	$\mathbb{H}$	1200-1300	
		1300-1400	
	$\mathbb{H}$	1400-1500	
		1500-1600	
		1600-1700	
	Щ	1700-1800	
		1800-1900	
Temperature (F):	43		
Cloud Cover (%):		Clear = 0-10%	
		Mostly Clear = 10-25%	
		,	



	X Partly Cloudy = 25-50%	REDACTED - Permit Application No. 23-00064
	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 o	f each hour block) 3	
Survey Hour:	0800-0900	
	0900-1000	
	X 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%	
	X Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	WNW	
Wind Speed (mph):	6	



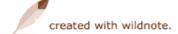
Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)	REDACTED - Permit Application No. 23-00064
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	11	
Misc. Hourly Notes:		
Hourly Conditions (at start o	of each hour block) 4	
Survey Hour:	0800-0900 0900-1000 1000-1100 X 1100-1200 1200-1300 1300-1400 1400-1500 1500-1600 1600-1700 1700-1800 1800-1900	
Temperature (F): Cloud Cover (%):	Clear = 0-10%  X 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	REDACTED - Permit Application No. 23-00064
		Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	11		
Misc. Hourly Notes:			
Hourly Conditions (at start of e	each l	nour block) 5	
Survey Hour:		0800-0900	
		0900-1000	
		1000-1100	
		1100-1200	
	X	1200-1300	
		1300-1400	
		1400-1500	
		1500-1600	
		1600-1700	
		1700-1800	
		1800-1900	
Temperature (F):	59		
Cloud Cover (%):	X	Clear = 0-10%	
		Mostly Clear = 10-25%	
	Щ	Partly Cloudy = 25-50%	
	Ш	Mostly Cloudy = 50-90%	
		Overcast = 90-100%	
Wind Direction(s):	WNV	I	
Wind Speed (mph):	8		
Precipitation:	Ш	Drizzle	
	Ш	Hail	
	Ш	Rain	
	Ш	Sleet	
	Ш	Snow	
	Щ	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         □ 1200-1300         X 1300-1400         □ 1500-1600         □ 1600-1700         □ 1700-1800         □ 1800-1900
Temperature (F):	60
Cloud Cover (%):	X 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): 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 X 1400-1500 1500-1600 1600-1700 1700-1800 1800-1900	REDACTED - Permit Application No. 23-00064
Temperature (F):	61	
Cloud Cover (%):	X 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 o	of each hour block) 8	
Survey Hour:	0800-0900 0900-1000 1000-1100 1100-1200 1200-1300 1300-1400 1400-1500	



	X 1500-1600	REDACTED - Permit Application No. 23-00064
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	62	
Cloud Cover (%):	X 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	
	X 1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	63	



Cloud Cover (%):	X 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):	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, AM	MCR, CORA
General Survey Notes:	Survey location flooded; set up 20m west.	

Agricola Wind Fall Ra	aptor 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:	

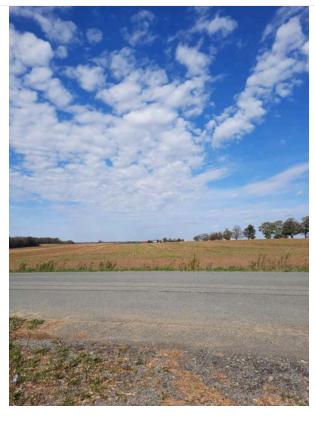




Photo to South:





Start Time (24 hour c	lock, 0800
-----------------------	------------

ex: 1422):

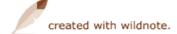
End Time (24 hour clock, ex: 1616

1422):

Survey Duration (hr:min): 0816

#### Hourly Conditions (at start of each hour block) 1

Survey Hour:	X 0800-0900
	0900-1000
	1000-1100
	1100-1200
	1200-1300
	1300-1400
	1400-1500
	1500-1600
	1600-1700
	1700-1800
	1800-1900
Геmperature (F):	54
Cloud Cover (%):	Clear = 0-10%
	X Mostly Clear = 10-25%
	Partly Cloudy = 25-50%



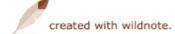
		Mostly Cloudy = 50-90%	REDACTED -	Permit Application No. 23-00064
	$\Box$	Overcast = 90-100%		
Wind Direction(s)	\A/NI\			
Wind Speed (mph):	WNV	V		
Wind Speed (mph): Precipitation:	9			
rrecipitation.		Drizzle		
	Щ	Hail		
	Щ	Rain		
		Sleet		
	Щ	Snow		
	Ш	Thick Fog		
	Ш	Mist		
		Other (write in notes)		
Other Precipitation/ Precipitation Notes:				
Visibility (miles):	10			
Misc. Hourly Notes:				
Hourly Conditions (at start of	each	hour block) 2		
Survey Hour:		0800-0900		
	Χ	0900-1000		
		1000-1100		
		1100-1200		
		1200-1300		
		1300-1400		
		1400-1500		
		1500-1600		
		1600-1700		
		1700-1800		
		1800-1900		
Temperature (F):	58			
Cloud Cover (%):		Clear = 0-10%		
	X	Mostly Clear = 10-25%		
	П	Partly Cloudy = 25-50%		
		Mostly Cloudy = 50-90%		
		Overcast = 90-100%		
Wind Direction(s):	WNV			
Wind Speed (mph):	8			
Precipitation:		Drizzle		



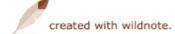
		REDACTED - Permit Application No. 23-00064
	Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:	· · · · · · · · · · · · · · · · · · ·	
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at start of	each hour block) 3	
Survey Hour:	0800-0900	
	0900-1000	
	X 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%	
	X 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	REDACTED - Permit Application No. 23-00064
		Other (write in notes)	
Other Precipitation/		Carlet (Write in Hotes)	
Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start of	f each h	our block) 4	
Survey Hour:		0800-0900	
		0900-1000	
		1000-1100	
	X	1100-1700	
		1200-1300	
		1300-1400	
		1400-1500	
		1500-1600	
		1600-1700	
		1700-1800	
		1800-1900	
Temperature (F):	65	1500 1500	
Cloud Cover (%):	X	Clear = 0-10%	
		Mostly Clear = 10-25%	
		Partly Cloudy = 25-50%	
	$\overline{\Box}$	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:	0800-0900 0900-1000 1000-1100 1100-1200 X 1200-1300 1300-1400 1400-1500 1500-1600 1600-1700 1700-1800 1800-1900		
Temperature (F):	68		
Cloud Cover (%):	X 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): 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	REDACTED - Permit Application No. 23-00064
	X 1300-1300	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	70	
Cloud Cover (%):	X 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/	Other (write in notes)	
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	
	X 1400-1500	
	1500-1600	



	1600-1700	REDACTED - Permit Application No. 23-00064
	1700-1800	
	1800-1900	
Temperature (F):	71	
Cloud Cover (%):		
. ,	Clear = 0-10%	
	Mostly Clear = 10-25%	
	X Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
W. I.B. (1)	Overcast = 90-100%	
Wind Direction(s):	W	
Wind Speed (mph): Precipitation:	10	
riecipitation.	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	
	X 1500-1600	
	1600-1700	
	1700-1800	
T (5)	1800-1900	
Temperature (F):	71	
Cloud Cover (%):	Clear = 0-10%	



Mostly Cloudy = 25-50%   Mostly Cloudy = 50-90%   Overcast = 90-100%			Mostly Cloor = 10 25%	REDACTED - Permit Application No. 23-00064
Mostly Cloudy = 50-90%			-	
Overcast = 90-100%  Wind Direction(s):				
Wind Direction(s):         W           Wind Speed (mph):         10           Precipitation:         Drizzle Hail Hail Rain Rain Snow Snow Mist Order (write in notes)           Wiscource (mph):         1 Thick Fog Mist Thick Fog				
Wind Speed (mph):         □ Drizzle           Hail         Rain           Sleet         Show           Thick Fog         Mist           Mist         Other (write in notes)           Ofter Precipitation Notes:         Visibility (miles):           Visibility (miles):         10           Misc. Hourly Notes:         Visibility (miles):           Hourly Conditions (at start of each bour block) 9           Survey Hour:         0800-0900           0900-1000         1000-1100           1000-1100         1100-1200           1100-1200         1300-1400           11500-1600         1300-1400           11700-1800         1500-1600           1700-1800         1800-1900           Temperature (F):         6           Clear = 0-10%         Mostly Cloudy = 25-50%           Mostly Cloudy = 50-90%         Overcast = 90-100%			Overcast = 90-100%	
Precipitation:         □ rizzle           Hail         Rain           Sleet         5now           Thick Fog         Mist           Mist         Other (write in notes)           Other Precipitation Notes:         1           Visibility (miles):         10           Hourly Notes:           Hourly Notes:           Hourly Solutions (at start of each hour block) 9           Survey Hour:         0 800 - 0900           0 9900 - 1000         1000 - 1100           1 1000 - 1100         1100 - 1200           1 2001 - 1300         1300 - 1400           1 400 - 1500         1400 - 1500           1 1500 - 1600         X 1600 - 1700           1 7700 - 1800         1800 - 1900           Temperature (F):         69           Clear = 0 - 10%           Mostly Clear = 10 - 25%           X Partly Cloudy = 25 - 50%           Mostly Cloudy = 50 - 90%           Overcast = 90 - 100%				
Hail	· · · · · · · · · · · · · · · · · · ·	10		
Rain   Sleet   Snow   Thick Fog   Mist   Other (write in notes)   Other 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   X 1600-1700   1700-1800   1800-1900   1	Precipitation:		Drizzle	
Sleet   Snow   Thick Fog   Mist   Other (write in notes)			Hail	
Snow			Rain	
Thick Fog   Mist   Other (write in notes)			Sleet	
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         1100-1200           1200-1300         1300-1400           1400-1500         1500-1600           X 1600-1700         1700-1800           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%			Snow	
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         1100-1200           1200-1300         1300-1400           1400-1500         1500-1600           X 1600-1700         1700-1800           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%			Thick Fog	
Other (write in notes)           Other Precipitation / Precipitation Notes:           Visibility (miles):         10           Mourly Notes:           Hourly Conditions (at start of each hour block) 9           Survey Hour:         0800-0900           0900-1000         1000-1100           1000-1100         1100-1200           1200-1300         1300-1400           1300-1400         1500-1600           X         1600-1700           17700-1800         1800-1900           Temperature (F):         69           Cloud Cover (%):         Clear = 0-10%           Mostly Clear = 10-25%         X           Partly Cloudy = 25-50%         Mostly Cloudy = 50-90%           Overcast = 90-100%				
Other 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           1300-1400           1500-1600           1700-1800           1700-1800           1800-1900           Temperature (F):           69           Clear = 0-10%           Mostly Clear = 10-25%           Partly Cloudy = 25-50%           Mostly Cloudy = 50-90%           Overcast = 90-100%		$\Box$		
Precipitation Notes:           Visibility (miles):         10           Mosc. Hourly Notes:           Hourly Conditions (at start of each hour block) 9           Survey Hour:         0800-0900           0900-1000         0900-1000           1000-1100         1100-1200           1200-1300         1200-1300           1300-1400         1400-1500           1500-1600         X           X         1600-1700           1700-1800         1800-1900           Temperature (F):         69           Cloud Cover (%):           Clear = 0-10%         Mostly Clear = 10-25%           X         Partly Cloudy = 25-50%           Mostly Cloudy = 50-90%         Overcast = 90-100%	Other Precipitation/		Other (write in flotes)	
Misc. Hourly Notes:           Hourly Conditions (at start of exch bour block) 9           Survey Hour:         08800-0900           0900-1000         0900-1000           1000-1100         1000-1100           200-1300         1200-1300           300-1400         1400-1500           1500-1600         1500-1600           X 1600-1700         1700-1800           1 700-1800         1800-1900           Temperature (F):         69           Clear = 0-10%         Mostly Clear = 10-25%           Partly Cloudy = 25-50%         Mostly Cloudy = 50-90%           Mostly Cloudy = 50-90%         Overcast = 90-100%	Precipitation Notes:			
Hourly Conditions (at start of each hour block) 9  Survey Hour:    0800-0900	Visibility (miles):	10		
Survey Hour:    0800-0900	Misc. Hourly Notes:			
Survey Hour:    0800-0900				
0800-0900	Hourly Conditions (at start of	f each l	hour block) 9	
0900-1000	Survey Hour:		0800-0900	
1000-1100				
1100-1200		$\Box$		
1200-1300				
1300-1400				
1400-1500		H		
1500-1600   X 1600-1700   1700-1800   1800-1900   Temperature (F): 69   Clear = 0-10%   Mostly Clear = 10-25%   X Partly Cloudy = 25-50%   Mostly Cloudy = 50-90%   Overcast = 90-100%				
X   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%				
Temperature (F): 69  Cloud Cover (%): Clear = 0-10%  Mostly Clear = 10-25%  X Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  Overcast = 90-100%		X		
Temperature (F): 69  Cloud Cover (%): Clear = 0-10%  Mostly Clear = 10-25%  X Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  Overcast = 90-100%			1700-1800	
Cloud Cover (%):  Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  Overcast = 90-100%			1800-1900	
Mostly Clear = 10-25%  X Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  Overcast = 90-100%		69		
X Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  Overcast = 90-100%	Cloud Cover (%):		Clear = 0-10%	
Mostly Cloudy = 50-90% Overcast = 90-100%			Mostly Clear = 10-25%	
Overcast = 90-100%		X	Partly Cloudy = 25-50%	
Overcast = 90-100%			Mostly Cloudy = 50-90%	
	Wind Direction(s):	W		

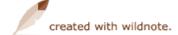


Wind Speed (mph):	10	REDACTED - Permit Application No. 23-00064
Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Incidental Species (Alpha Codes):	AMCR, EUST, MODO, AMRO, AMGO, CANG,	SOSP
General Survey Notes:	It was a clear day with temperatures reaching and W at 8-10mph for the duration of the se	

### EDR

# 21029 Agricola Wind Checklist

Agricola Wind Fall Rapto	r 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:	X 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 (%):			
2.00d 20ve. (70).	Clear = 0-10%		
	Mostly Clear = 10-25%		
	Partly Cloudy = 25-50%		
	Mostly Cloudy = 50-90%		



	X	Overcast = 90-100%	REDACTED - Permit Application No. 23-00064
Wind Direction(s):	NNW		
Wind Speed (mph):	10		
Precipitation:	X	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 h	nour block) 2	
Survey Hour:		0800-0900	
	X	0900-1000	
		1000-1100	
		1100-1200	
		1200-1300	
		1300-1400	
		1400-1500	
		1500-1600	
		1600-1700	
		1700-1800	
		1800-1900	
Temperature (F):	53	1500 1500	
Cloud Cover (%):		Clear = 0-10%	
		Mostly Clear = 10-25%	
		Partly Cloudy = 25-50%	
	X	Mostly Cloudy = 50-90% Overcast = 90-100%	
Wind Direction(s):	NNW		
Wind Direction(s): Wind Speed (mph):	12		
Precipitation:		Deitada	
r recipitation.	X	Drizzle	
		Hail	



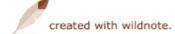
	X	Rain	REDACTED - Permit Application No. 23-00064
	$\vdash$	Sleet	
		Snow	
		Thick Fog	
	Н	Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start of	each	hour block) 3	
Survey Hour:		0800-0900	
		0900-1000	
	X	1000-1100	
	П	1100-1200	
		1200-1300	
	$\Box$	1300-1400	
	H	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%	
	X	Overcast = 90-100%	
Wind Direction(s):	NW		
Wind Speed (mph):	14		
Precipitation:	X	Drizzle	
	Щ	Hail	
	X	Rain	
		Sleet	
		Snow	
		Thick Fog	
		Mist	



	Other (write in notes)	REDACTED - Permit Application No. 23-00064
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 X 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%  X Overcast = 90-100%	
Wind Direction(s):	NNW	
Wind Speed (mph): Precipitation:	X Drizzle Hail X Rain Sleet Snow Thick Fog Mist Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		



Survey Hour:	Hourly Conditions (at start of	each hour block) 5
Clear = 0-10%   Mostly Cloudy = 25-50%   Partly Cloudy = 50-90%   Mostly Cloudy = 50-90%   Mos	Survey Hour:	□       0900-1000         □       1000-1100         □       1100-1200         X       1200-1300         □       1300-1400         □       1500-1600         □       1600-1700         □       1700-1800
Mostly Clear = 10-25% Partly Cloudy = 25-50% Mostly Cloudy = 50-90% Wind Direction(s):  Wind Speed (mph):  14  Precipitation:  X Drizzle Hail X Rain Sleet Snow Thick Fog Mist Other (write in notes)  Other (write in notes)  Other (write in notes)  Other Shouth Notes:  Hourly Conditions (at start of each hour block) 6  Survey Hour:  08800-0900 0900-1000		54
Wind Speed (mph):  Precipitation:    X	Cloud Cover (%):	Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%
Precipitation:    X	Wind Direction(s):	NNW
Hail    Kain     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	Wind Speed (mph):	14
Precipitation Notes:  Visibility (miles): 10  Misc. Hourly Notes:  Hourly Conditions (at start of each hour block) 6  Survey Hour: 0800-0900 0900-1000	Precipitation:	Hail  X Rain  Sleet  Snow  Thick Fog  Mist
Visibility (miles): 10  Misc. Hourly Notes:  Hourly Conditions (at start of each hour block) 6  Survey Hour:  0800-0900 0900-1000		
Hourly Conditions (at start of each hour block) 6  Survey Hour:  0800-0900  0900-1000	· · · · · · · · · · · · · · · · · · ·	10
Survey Hour: 0800-0900 0900-1000	Misc. Hourly Notes:	
0900-1000	Hourly Conditions (at start of	each hour block) 6
	Survey Hour:	0900-1000



		REDACTED - Permit Application No. 23-00064
	1100-1200	• •
	1200-1300	
	X 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%	
	X Overcast = 90-100%	
Wind Direction(s):	NNW	
Wind Speed (mph):	14	
Precipitation:	X Drizzle	
	Hail	
	X Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:	10	
Wilse. Flourity Process.		
Hourly Conditions (at start of	each hour block) 7	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	X 1400-1500	
	1500-1600	



	1600-1700	REDACTED - Permit Application No. 23-00064
	1700-1800	
	1800-1900	
Temperature (F):	54	
Cloud Cover (%):		
, ,	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
NA!'	X Overcast = 90-100%	
Wind Speed (mph):	NNW	
Wind Speed (mph): Precipitation:	12	
Frecipitation.	X Drizzle	
	Hail	
	X 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	
	X 1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	54	
Cloud Cover (%):		
	Clear = 0-10%	



	Mostly Clear = 10-25%	REDACTED - Permit Application No. 23-00064
	Partly Cloudy = 25-509	
	Mostly Cloudy = 50-90  X Overcast = 90-100%	90
Wind Direction(s)		
Wind Speed (mph):	NW 13	
Wind Speed (mph): Precipitation:		
rrecipitation.	X Drizzle	
	Hail	
	X 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	
	X 1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	53	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-509	
	Mostly Cloudy = 50-90	
	X Overcast = 90-100%	
Wind Direction(s):	NNW	



Wind Speed (mph):	12	REDACTED - Permit Application No. 23-00064
Precipitation:	X Drizzle Hail X 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, EUST, AMRO, BLJA, MODO, SOSP	
General Survey Notes:	It was an overcast and rainy day with strong It changed between drizzle and rain for mosprecipitation.	g winds from the NW and NNW at 10-14mph. St of the survey with few periods of no

### EDR

# 21029 Agricola Wind Checklist

Agricola Wind Fall Rapto	r 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:	X 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 (%):			
Cloud Cover (70).	Clear = 0-10%		
	Mostly Clear = 10-25%		
	Partly Cloudy = 25-50%		
	Mostly Cloudy = 50-90%		



	X	Overcast = 90-100%	REDACTED - Permit Application No. 23-00064
Wind Direction(s):	NNE		
Wind Speed (mph):	12		
Precipitation:		Drizzle	
		Hail	
		Rain	
		Sleet	
		Snow	
		Thick Fog	
		Mist	
	$\Box$	Other (write in notes)	
Other Precipitation/		outer (write in flotes)	
Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
		11.100	
Hourly Conditions (at start of	each l	nour block) 2	
Survey Hour:		0800-0900	
	X	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%	
	$\overline{\Box}$	Mostly Clear = 10-25%	
	一	Partly Cloudy = 25-50%	
	$\Box$	Mostly Cloudy = 50-90%	
	X	Overcast = 90-100%	
Wind Direction(s):	N		
Wind Speed (mph):	12		
Precipitation:		Drizzle	
		Hail	



	10	Rain Sleet Snow Thick Fog Mist Other (write in notes)	REDACTED - Permit Application No. 23-00064
Misc. Hourly Notes:			
Hourly Conditions (at start of e	each h	our 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	
1	49		
Cloud Cover (%):		Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  Overcast = 90-100%	
. ,	NNW		
Wind Speed (mph): Precipitation:		Drizzle Hail Rain Sleet Snow Thick Fog Mist	

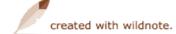


	Other (write in notes)	REDACTED - Permit Application No. 23-00064
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at sta	rt of each hour block) 4	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	X 1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	50	
Cloud Cover (%):		
Cloud Cover (70).	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	NNW	
Wind Speed (mph):	14	
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
Other Dresinitation/	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 X 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):	NNW			
Wind Speed (mph): Precipitation:	15  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	REDACTED - Permit Application No. 23-00064
	1100-1200	
	1200-1300	
	X 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%	
	X 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	
	X 1400-1500	
	1500-1600	



	1600-1700	REDACTED - Permit Application No. 23-00064
	1700-1800	
	1800-1900	
Temperature (F):	51	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	X 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) 8	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	X 1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	51	
Cloud Cover (%):	Clear = 0-10%	



	Mostly Clear = 10-25%	REDACTED - Permit Application No. 23-00064
	Partly Cloudy = 25-50%  X 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) 9	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	X 1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	50	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	NNW	



Wind Speed (mph):	15	REDACTED - Permit Application No. 23-00064
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, MODO, EUST, BCCH, SOSP, AN	MRO, BLJA, CORA
General Survey Notes:	It was a windy day with NNW winds at 12-16 overcast skies in the morning leading to a m	Smph. Temperatures reached about 51F with nostly cloudy afternoon.

# 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:



#### Photo to West:



Start Time (24	hour clock,	0800

ex: 1422):

End Time (24 hour clock, ex: 1559

1422):

Survey Duration (hr:min): 0759

### Hourly Conditions (at start of each hour block) 1

, , , , , , , , , , , , , , , , , , ,	<b>,</b>
Survey Hour:	X 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%	REDACTED - Permit Application No. 23-00064
	X Mostly Cloudy = 50-90%	
Wind Direction(s):	Overcast = 90-100%	
Wind Speed (mph):	12	
Precipitation:		
rrecipitation.	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	
	X 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%	
	X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	W	
Wind Speed (mph):	12	



Mist	Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog	REDACTED - Permit Application No. 23-00064
Other Precipitation / Precipitation Notes:    Visibility (miles): 10			
Misc. Hourly Notes:    Hourly Conditions (at start of each hour block) 3	Other Precipitation/ Precipitation 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     1500-1600     1700-1800     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 Speed (mph): 14  Precipitation:   Drizzle     Hail     Rain		10	
Survey Hour:    0800-0900	Misc. Hourly Notes:		
0900-1000     1000-1100     1100-1200     1200-1300     1300-1400     1400-1500     1500-1600     1600-1700     1700-1800     1800-1900	Hourly Conditions (at star	rt of each hour block) 3	
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		0900-1000  X 1000-1100  1100-1200  1200-1300  1300-1400  1400-1500  1500-1600  1600-1700  1700-1800  1800-1900	
Wind Speed (mph):  Precipitation:  Drizzle Hail Rain	· · · · · · · · · · · · · · · · · · ·	Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%	
Precipitation:  Drizzle  Hail Rain	Wind Direction(s):	W	
Hail Rain		14	
Snow	Precipitation:	Hail Rain Sleet	



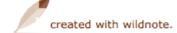
		Thick For	REDACTED - Permit Application No. 23-00064
	H	Thick Fog	
		Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start of	f each	hour block) 4	
Survey Hour:		0800-0900	
		0900-1000	
		1000-1100 1100-1200	
	X		
		1200-1300	
		1300-1400	
		1400-1500	
		1500-1600	
	Щ	1600-1700	
	Ш	1700-1800	
		1800-1900	
Temperature (F):	47		
Cloud Cover (%):		Clear = 0-10%	
		Mostly Clear = 10-25%	
	X	Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
		Overcast = 90-100%	
Mind Direction(s)	\\\	Overcast = 90-100%	
Wind Speed (mph):	W 15		
Wind Speed (mph): Precipitation:	15		
Frecipitation.		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%  X Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  Overcast = 90-100%
Wind Direction(s):	W
Wind Direction(s): Wind Speed (mph):	W 15
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:	Drizzle Hail Rain Sleet Snow Thick Fog Mist
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles):	Drizzle Hail Rain Sleet Snow Thick Fog Mist
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles):	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles): Misc. Hourly Notes:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)



	1000-1100	REDACTED - Permit Application No. 23-00064
	1100-1200	
	1200-1300	
	X 1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	49	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	X 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	
	X 1400-1500	



	1500-1600	REDACTED - Permit Application No. 23-00064
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	50	
Cloud Cover (%):		
(70).	Clear = 0-10%	
	Mostly Clear = 10-25%	
	X 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) 8	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	X 1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	50	



Cloud Cover (%):	Clear = 0-10%
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.

Agricola Wind Fall R	aptor 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):

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

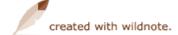
1600

0800

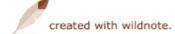
Survey Duration (hr:min):

8:00

Hourly Conditions (at sta	ort of each hour block) 1	
Survey Hour:	X 0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	



		1700-1800	REDACTED - Permit Application No. 23-00064
		1800-1900	
Temperature (F):	29		
Cloud Cover (%):	X	Clear = 0-10%	
	H	Mostly Clear = 10-25%	
		Partly Cloudy = 25-50%	
	H	Mostly Cloudy = 50-90%	
Wind Direction(s)		Overcast = 90-100%	
Wind Direction(s): Wind Speed (mph):	E 2		
Precipitation:			
recipitation.		Drizzle	
		Hail	
		Rain	
		Sleet	
		Snow	
		Thick Fog	
	Ш	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	
	X	0900-1000	
		1000-1100	
		1100-1200	
		1200-1300	
	$\Box$	1300-1400	
	$\Box$	1400-1500	
	$\overline{\Box}$	1500-1600	
	一	1600-1700	
	П	1700-1800	
	П	1800-1900	
Temperature (F):	32	1000-1300	
Cloud Cover (%):	X	Clear = 0-10%	
		Mostly Clear = 10-25%	



	Double Cloude 25 50%	REDACTED - Permit Application No. 23-00064
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	Е	
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	
	X 1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	34	
Cloud Cover (%):	X 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	



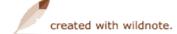
Precipitation:	Drizzle	REDACTED - Permit Application No. 23-00064
	Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in note	25)
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at start of	each hour block) 4	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	X 1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	39	
Cloud Cover (%):	X Clear = 0-10%	
	Mostly Clear = 10-2	5%
	Partly Cloudy = 25-	50%
	Mostly Cloudy = 50	-90%
	Overcast = 90-1009	6
Wind Direction(s):	W	
Wind Speed (mph):	2	
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	



		71	REDACTED - Permit Application No. 23-00064
		Thick Fog	
	$\square$	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	
	H	0900-1000	
	H	1000-1100	
		1100-1200	
	X	1200-1300	
	$\mathbb{H}$	1300-1400	
	$\square$	1400-1500	
	Ш	1500-1600	
	Ш	1600-1700	
		1700-1800	
		1800-1900	
Temperature (F):	44		
Cloud Cover (%):		Clear = 0-10%	
		Mostly Clear = 10-25%	
		Partly Cloudy = 25-50%	
	Χ	Mostly Cloudy = 50-90%	
		Overcast = 90-100%	
Wind Direction(s):	W		
Wind Speed (mph):	3		
Precipitation:		Drizzle	
	H		
	H	Hail	
	H	Rain	
		Sleet	
	$\mathbb{H}$	Snow	
		Thick Fog	
	$\vdash$	Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	12		



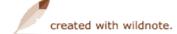
Hourly Conditions (at start of	each hour block) 6
Survey Hour:	○ 0800-0900         ○ 0900-1000         ○ 1000-1100         ○ 1100-1200         ○ 1200-1300         ※ 1300-1400         ○ 1500-1600         ○ 1600-1700         ○ 1700-1800
	1800-1900
Temperature (F): Cloud Cover (%):	44  Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  X Mostly Cloudy = 50-90%  Overcast = 90-100%
Wind Direction(s):	W
Wind Speed (mph): 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 X 1400-1500 1500-1600 1600-1700	REDACTED - Permit Application No. 23-00064
	1700-1800	
Temperature (F):	1800-1900 44	
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  Overcast = 90-100%	
Wind Direction(s):	Е	
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	



	X 1500-1600	REDACTED - Permit Application No. 23-00064
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	45	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	E	
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) 9	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	X 1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	45	



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 Ra	aptor 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):

End Time (24 hour clock, ex: 1450

1422):

Survey Duration (hr:min): 0650

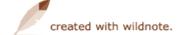
0800

Hourly Conditions (at sta	rt of each hour block) 1
Survey Hour:	X 0800-0900
	0900-1000
	1000-1100
	1100-1200
	1200-1300
	1300-1400

1500-1600

1600-1700

1400-1500



	1700-1800	REDACTED - Permit Application No. 23-00064
	1800-1900	
Temperature (F):	39	
Cloud Cover (%):		
. ,	Clear = 0-10%	
	X Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	Е	
Wind Speed (mph):	1	
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	
	X 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%	
	X Mostly Clear = 10-25%	



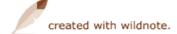
		Partly Cloudy = 25-50%	REDACTED -	Permit Application No. 23-00064
		Mostly Cloudy = 50-90%		
Wind Direction(s):	ESE	Overcast = 90-100%		
Wind Direction(s): Wind Speed (mph):	2			
Precipitation:				
recipitation.		Drizzle		
		Hail		
		Rain		
	Щ	Sleet		
		Snow		
		Thick Fog		
		Mist		
		Other (write in notes)		
Other Precipitation/ Precipitation Notes:				
Visibility (miles):	10			
Misc. Hourly Notes:				
Hourly Conditions (at start of	each l	nour block) 3		
Survey Hour:		0800-0900		
		0900-1000		
	X	1000-1100		
		1100-1200		
		1200-1300		
		1300-1400		
		1400-1500		
		1500-1600		
		1600-1700		
		1700-1800		
		1800-1900		
Temperature (F):	49			
Cloud Cover (%):	X	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):	2			



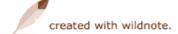
Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog Mist	REDACTED - Permit Application No. 23-00064
Other Precipitation/	Other (write in notes)	
Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at sta	rt of each hour block) 4	
Survey Hour:  Temperature (F): Cloud Cover (%):	0800-0900 0900-1000 1000-1100 X 1100-1200 1200-1300 1300-1400 1400-1500 1500-1600 1600-1700 1700-1800 1800-1900 54  X 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	



		Thirds For	REDACTED - Permit Application No. 23-00064
		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	
	X		
		1300-1400	
		1400-1500	
		1500-1600	
		1600-1700	
		1700-1800	
		1800-1900	
Temperature (F):	57		
Cloud Cover (%):	X	Clear = 0-10%	
		Mostly Clear = 10-25%	
		Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
		Overcast = 90-100%	
Wind Direction(s):	WSV	I	
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
Hourly Conditions (at start of Survey Hour:	each hour block) 6  0800-0900 0900-1000 1000-1100 1100-1200 1200-1300 X 1300-1400 1400-1500 1500-1600 1600-1700 1700-1800 1800-1900
Temperature (F):	60
Cloud Cover (%):	X Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  Overcast = 90-100%
Wind Direction(s):	WSW
Wind Direction(s): Wind Speed (mph):	WSW 5
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:	Drizzle Hail Rain Sleet Snow Thick Fog Mist
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles):	Drizzle Hail Rain Sleet Snow Thick Fog Mist
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles):	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles): Misc. Hourly Notes:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)



	REDACTED - Permit Application No. 23-00064
	1000-1100
	1100-1200
	1200-1300
	1300-1400
	X 1400-1500
	1500-1600
	1600-1700
	1700-1800
	1800-1900
Temperature (F):	61
Cloud Cover (%):	X 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):	5
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, 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.



Agricola Wind Fall Ra	aptor 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 South:





#### Photo to West:



0800



Start Time (24 hour clock,

ex: 1422):

End Time (24 hour clock, ex: 1447

1422):

Survey Duration (hr:min): 6:47

Hourly Conditions (at start of	each hour block) 1
Survey Hour:	X 0800-0900
	0900-1000
	1000-1100
	1100-1200
	1200-1300
	1300-1400
	1400-1500
	1500-1600
	1600-1700

		1700-1800	REDACTED - Permit Application No. 23-00064
		1800-1900	
Temperature (F):	40		
Cloud Cover (%):		Clear = 0-10%	
		Mostly Clear = 10-25%	
	X	Partly Cloudy = 25-50% Mostly Cloudy = 50-90%	
		Overcast = 90-100%	
Wind Direction(s):	ESE	Overcast = 90-100%	
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	t of each h	nour block) 2	
Survey Hour:		0800-0900	
	X	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%	
		, <del></del>	



		Partly Cloudy = 25-50%	REDACTED - Permit Application No. 23-00064
	X	Mostly Cloudy = 50-90%	
W. 15: ()		Overcast = 90-100%	
Wind Direction(s):	ESE		
Wind Speed (mph):	10		
Precipitation:	Ш	Drizzle	
		Hail	
		Rain	
	Щ	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) 3	
Survey Hour:		0800-0900	
	$\overline{\Box}$	0900-1000	
	X	1000-1100	
		1100-1200	
		1200-1300	
		1300-1400	
	$\Box$	1400-1500	
		1500-1600	
		1600-1700	
		1700-1800	
Tomporatura (E):	47	1800-1900	
Temperature (F): Cloud Cover (%):	47		
(/6)		Clear = 0-10%	
		Mostly Clear = 10-25%	
		Partly Cloudy = 25-50%	
	X	Mostly Cloudy = 50-90%	
We IS a second		Overcast = 90-100%	
Wind Direction(s):	SE		
Wind Speed (mph):	7		



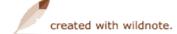
Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)	REDACTED - Permit Application No. 23-00064
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	15	
Misc. Hourly Notes:		
Hourly Conditions (at star	t of each hour block) 4	
	To cach hour block, 4	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	X 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%	
	X 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	



	TI. 1 5	REDACTED - Permit Application No. 23-00064
	☐ Thick Fog	
	Mist	
	Other (write in note	s)
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	15	
Misc. Hourly Notes:		
Hourly Conditions (at star	of each hour block) 5	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	X 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	30.
	Partly Cloudy = 25-5  X Mostly Cloudy = 50-	
N. 18: ( )	Overcast = 90-100%	
Wind Direction(s):	SE	
Wind Speed (mph):	9	
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in note	(2)
Other Precipitation/	Strict (write in flote	-, -
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%  X Mostly Cloudy = 50-90%  Overcast = 90-100%
Wind Direction(s):	SSE
\A!'   C	
Wind Speed (mph):	9
Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)
Other Precipitation/ Precipitation Notes:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)
Other Precipitation/ Precipitation Notes: Visibility (miles):	Drizzle Hail Rain Sleet Snow Thick Fog Mist
Other Precipitation/ Precipitation Notes:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)
Other Precipitation/ Precipitation Notes: Visibility (miles):	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)
Other Precipitation/ Precipitation Notes:  Visibility (miles):  Misc. Hourly Notes:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)



		REDACTED - Permit Application No. 23-00064
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	X 1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	56	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	X 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	
	Other (write in notes)	
Other Precipitation/	Other (write in notes)	
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 chroughout remainder of survey.	



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:



## Photo to West:



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:	X       0800-0900         □       0900-1000         □       1000-1100         □       1200-1300         □       1300-1400         □       1400-1500         □       1500-1600         □       1700-1800         □       1800-1900		
Temperature (F):	34		
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%		



	Partly Cloudy = 25-50%	REDACTED - Permit Application No. 23-00064
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Diversities of the		
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	
	X 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%	
	X Overcast = 90-100%	
Wind Direction(s):	SSW	
Wind Speed (mph):	14	



Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog	REDACTED - Permit Application No. 23-00064
	☐ Mist ☐ Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at star	t of each hour block) 3	
Survey Hour:  Temperature (F): Cloud Cover (%):	0800-0900   0900-1000   X 1000-1100   1100-1200   1200-1300   1300-1400   1400-1500   1500-1600   1600-1700   1700-1800   1800-1900   37   Clear = 0-10%   Mostly Clear = 10-25%   Partly Cloudy = 25-50%   Mostly Cloudy = 50-90%   X Overcast = 90-100%	
Wind Direction(s):	SSW	
Wind Speed (mph):	14	
Precipitation:	X Drizzle Hail Rain Sleet Snow	



		Thick For	REDACTED - Permit Application No. 23-00064
		Thick Fog	
		Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start of	of each	hour block) 4	
Survey Hour:		0800-0900	
		0900-1000	
		1000-1100	
	X	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%	
	X	Overcast = 90-100%	
Wind Direction(s):	SW		
Wind Speed (mph):	17		
Precipitation:	X	Drizzle	
		Hail	
	Х	Rain	
		Sleet	
		Snow	
		Thick Fog	
		Mist	
		Other (write in notes)	
Other Precipitation/		Other (write in flotes)	
Precipitation Notes:			
Visibility (miles):	10		



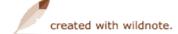
Hourly Conditions (at start of	each hour block) 5
Survey Hour:	□       0800-0900         □       0900-1000         □       1000-1100         □       1100-1200         X       1200-1300         □       1300-1400         □       1400-1500         □       1500-1600         □       1600-1700         □       1700-1800         □       1800-1900
Temperature (F):	39
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  X Overcast = 90-100%
Wind Direction(s):	WSW
Wind Direction(s): Wind Speed (mph):	WSW 17
Wind Speed (mph):	X Drizzle Hail Rain Sleet Snow Thick Fog Mist
Wind Speed (mph): Precipitation:  Other Precipitation/	Thick Fog  Mist
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles): Misc. Hourly Notes:	Thick Fog Mist Other (write in notes)
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles): Misc. Hourly Notes:  Hourly Conditions (at start of	Thick Fog Mist Other (write in notes)
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles): Misc. Hourly Notes:	Thick Fog Mist Other (write in notes)



			REDACTED - Permit Application No. 23-00064
		1000-1100	
	1100-12	] 1100-1200 ]	
	1200-13		
	X 1300-14		
	1400-15	00	
	1500-16	00	
	1600-17	00	
	1700-18	00	
	1800-19	00	
Temperature (F):	39		
Cloud Cover (%):	Clear = 0	0-10%	
	Mostly (	Clear = 10-25%	
	Partly Cl	loudy = 25-50%	
	Mostly 0	Cloudy = 50-90%	
	X Overcas	t = 90-100%	
Wind Direction(s):	WSW		
Wind Speed (mph):	17		
Precipitation:	X Drizzle		
	Hail		
	Rain		
	Sleet		
	Snow		
	Thick Fo	g	
	Mist		
	Other (v	vrite in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start of	of each hour bloc	:k) 7	
Survey Hour:	0800-09	00	
	0900-10		
	1000-11		
	1100-12		
	1200-13		
	1300-14 X 1400-15		
	X 1400-15	000	



Temperature (F): Cloud Cover (%):	1500-1600
Wind Direction(s):	WSW
Wind Speed (mph):	17
Precipitation:	<ul> <li>X Drizzle</li> <li>Hail</li> <li>Rain</li> <li>X Sleet</li> <li>X Snow</li> <li>Thick Fog</li> <li>Mist</li> <li>Other (write in notes)</li> </ul>
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 wintery mix of sleet and snow started at about 1345 and lasted until the end of the survey.



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	
Dhoto to North		









### Photo to South:





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	REDACTED - Permit Application No. 23-00064
	1700-1800 	
	1800-1900	
Temperature (F):	34	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	SW	
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:		
<b>,</b>		
Hourly Conditions (at start of	each hour block) 2	
Survey Hour:	0800-0900	
	X 0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	36	
Cloud Cover (%):	Clear = 0-10%	



	Mostly Clear = 10-25%	REDACTED - Permit Application No. 23-00064
	Partly Cloudy = 25-50%	
	X 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) 3	
Survey Hour:	0800-0900	
	0900-1000	
	X 1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	36	
Cloud Cover (%):		
( ),	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	W	

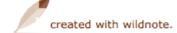


Wind Speed (mph):	7	REDACTED - Permit Application No. 23-00064
Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	11	
Misc. Hourly Notes:		
Hourly Conditions (at start of	each hour block) 4	
Survey Hour:	0800-0900 0900-1000 1000-1100 X 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%  X Overcast = 90-100%	
Wind Direction(s):	W	
Wind Speed (mph):	8	
Precipitation:	Drizzle Hail Rain Sleet	

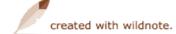


	X Snow	REDACTED - Permit Application No. 23-00064
	☐ Thick Fog	
	└─│ Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:	Light snow 1127-1143	
Visibility (miles):	11	
Misc. Hourly Notes:		
Hourly Conditions (at start	of each hour block) F	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	X 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%  X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	W Overcast - 90-100%	
Wind Speed (mph):	8	
Precipitation:		
	Drizzle	
	└─ Hail	
	Rain	
	Sleet	
	Snow	
	└─│ Thick Fog	
	└─ Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		





	□       0900-1000         □       1000-1100         □       1100-1200         □       1200-1300         □       1300-1400         X       1400-1500         □       1500-1600         □       1600-1700         □       1700-1800	REDACTED - Permit Application No. 23-00064
Farman annahuma (FN:	1800-1900	
Temperature (F): Cloud Cover (%):	11 Clear = 0-10%  Mostly Clear = 10-25%  X 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:		
/isibility (miles):	12	
Misc. Hourly Notes:		
ncidental Species (Alpha Codes):	AMCR, CORA, AMRO, BLJA, BCCH, DOWO	
General Survey Notes:	One inch of snow on ground at start of surv grass height 3 inches.	rey; field has been mowed since 11/5, average



Agricola Wind Fall Rap	tor 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 South:



#### Photo to West:



Start Time (24 hour clock,

ex: 1422):

End Time (24 hour clock, ex: 1440

1422):

Survey Duration (hr:min): 6:40

0800

## Hourly Conditions (at start of each hour block) 1

, , , , , , , , , , , , , , , , , , ,		,
Survey Hour:	X	0800-0900
		0900-1000
		1000-1100
		1100-1200
		1200-1300
		1300-1400
		1400-1500
		1500-1600
		1600-1700

	1700-1800	REDACTED - Permit Application No. 23-00064
	1800-1900	
Temperature (F):	29	
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  X Overcast = 90-100%	
Wind Direction(s):	NW	
Wind Speed (mph):	6	
Precipitation:	Drizzle Hail Rain Sleet X Snow Thick Fog Mist 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:	○ 0800-0900         X       0900-1000         ○ 1000-1100         ○ 1100-1200         ○ 1200-1300         ○ 1300-1400         ○ 1400-1500         ○ 1500-1600         ○ 1700-1800         ○ 1800-1900	
Temperature (F):	29	
Cloud Cover (%):	Clear = 0-10%	



		Apathy Class 40, 250/	REDACTED - Permit Application No. 23-00064
		Nostly Clear = 10-25%	
		artly Cloudy = 25-50%	
		Nostly Cloudy = 50-90%	
		overcast = 90-100%	
Wind Direction(s):	NW		
Wind Speed (mph):	6		
Precipitation:	D	Prizzle	
	Ш н	lail	
	R	ain	
	SI	leet	
	Sı	now	
	П	hick Fog	
	$\square$ M	Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	9		
Misc. Hourly Notes:			
Hourly Conditions (at start of	f each ho	ur block) 3	
Survey Hour:			
		800-0900	
		900-1000	
		000-1100	
		100-1200	
	1:	200-1300	
	13	300-1400	
	14	400-1500	
	1!	500-1600	
	10	600-1700	
	1	700-1800	
	18	800-1900	
Temperature (F):	30		
Cloud Cover (%):	□ c	lear = 0-10%	
		Nostly Clear = 10-25%	
		artly Cloudy = 25-50%	
		Nostly Cloudy = 50-90%	
		0vercast = 90-100%	
Wind Direction(s):	NNW		



Wind Speed (mph):	7	REDACTED - Permit Application No. 23-00064
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/	— other (write irriotes)	
Precipitation Notes:		
Visibility (miles):	2	
Misc. Hourly Notes:		
Harrier Canditions (at start of	and have block 4	
Hourly Conditions (at start of	each flour block) 4	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	X 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%	
	X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	NW	
Wind Speed (mph):	9	
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	



	Snow	REDACTED - Permit Application No. 23-00064
	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	
	X 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%  X Overcast = 90-100%	
Mind Disaction(s)	X Overcast = 90-100%	
Wind Direction(s): Wind Speed (mph):	9	
Precipitation:		
Trecipitation.	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/		



Precipitation Notes:		REDACTED - Permit Application No. 23-00064
Visibility (miles):	11	
Misc. Hourly Notes:		
Hourly Conditions (at start of	each hour block) 6	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	1200-1300	
	X 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%	
	X 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:		
Hourly Conditions (at start of	each hour block) 7	
·	·	



Survey Hour:	0800-0900 0900-1000 1000-1100 1100-1200 1200-1300 1300-1400 X 1400-1500	REDACTED - Permit Application No. 23-00064
	1500-1600	
	1600-1700 1700-1800	
	1800-1900	
Temperature (F):	29	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	X 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	
	Snow Thick Fog	
	Thick Fog	
Other Precipitation/ Precipitation Notes:	Thick Fog  Mist	
	Thick Fog  Mist	
Precipitation Notes:	Thick Fog  Mist Other (write in notes)	
Precipitation Notes: Visibility (miles):	Thick Fog  Mist Other (write in notes)	
Precipitation Notes: Visibility (miles): Misc. Hourly Notes: Incidental Species (Alpha	Thick Fog Mist Other (write in notes)	rey

Agricola Wind Fall Ra	ptor 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 West:



Start Time (24 hour clock,

ex: 1422):

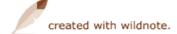
0800

End Time (24 hour clock, ex: 1436

1422):

Survey Duration (hr:min): 0636

Hourly Conditions (at start	of each hour block) 1
Survey Hour:	X 0800-0900
	0900-1000
	1000-1100
	1100-1200
	1200-1300
	1300-1400
	1400-1500
	1500-1600
	1600-1700



		1700-1800	REDACTED - Permit Application No. 23-00064
		1800-1900	
Temperature (F):	34		
Cloud Cover (%):		Clear = 0-10%	
		Mostly Clear = 10-25%	
	X	Partly Cloudy = 25-50%	
	H	Mostly Cloudy = 50-90%	
	$\Box$	Overcast = 90-100%	
Wind Direction(s):	SW	0.000	
Wind Speed (mph):	4		
Precipitation:		Drizzle	
	H	Hail	
	H		
	H	Rain	
	H	Sleet	
		Snow	
	$\vdash$	Thick Fog	
	H	Mist	
0.1 5 1 11 11 1		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start o	f each	hour block) 2	
Survey Hour:		0800-0900	
	X	0900-1000	
	H	1000-1100	
	一	1100-1200	
	H	1200-1300	
	H	1300-1400	
	H	1400-1500	
	H	1500-1600	
	H		
	H	1600-1700	
		1700-1800	
Temperature (E):	36	1800-1900	
Temperature (F): Cloud Cover (%):			
2.344 COVCI (70).		Clear = 0-10%	
		Mostly Clear = 10-25%	



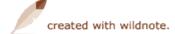
	X	Partly Cloudy = 25-50%	REDACTED - Permit Application No. 23-00064
		Mostly Cloudy = 50-90%	
		Overcast = 90-100%	
Wind Direction(s):	SW		
Wind Speed (mph):	6		
Precipitation:		Drizzle	
	$\Box$	Hail	
	П	Rain	
	П	Sleet	
	Ħ	Snow	
	$\Box$	Thick Fog	
	H	Mist	
	H		
Other Precipitation/		Other (write in notes)	
Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start of	each h	nour block) 3	
Survey Hour:		0800-0900	
		0900-1000	
	Χ	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%	
	X	Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
		Overcast = 90-100%	
Wind Direction(s):	S		
Wind Speed (mph):	6		



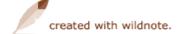
Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog Mist	REDACTED - Permit Application No. 23-00064
Other Precipitation/ Precipitation Notes:	Other (write in notes)	
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at start	of each hour block) 4	
Survey Hour:	0800-0900 0900-1000 1000-1100 X 1100-1200 1200-1300 1300-1400 1400-1500 1500-1600 1600-1700 1700-1800 1800-1900	
Temperature (F): Cloud Cover (%):	40  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 For	REDACTED - Permit Application No. 23-00064
	H	Thick Fog	
		Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	10		
Misc. Hourly Notes:			
Hourly Conditions (at start of	f each h	our block) 5	
Survey Hour:		0800-0900	
		0900-1000	
		1000-1100	
		1100-1200	
	X	1200-1300	
		1300-1400	
		1400-1500	
		1500-1600	
	Щ	1600-1700	
		1700-1800	
		1800-1900	
Temperature (F):	41		
Cloud Cover (%):		Clear = 0-10%	
		Mostly Clear = 10-25%	
	X	Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
Miles of Discounting (a)		Overcast = 90-100%	
Wind Speed (mph):	S		
Wind Speed (mph): Precipitation:	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         □       1200-1300         ▼       1300-1400         □       1400-1500         □       1500-1600         □       1700-1800
	1800-1900
Temperature (F): Cloud Cover (%):	42  Clear = 0-10%  Mostly Clear = 10-25%  X Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  Overcast = 90-100%
Wind Direction(s):	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



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 Ra	ptor 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:	

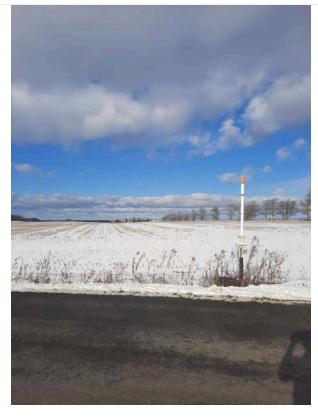
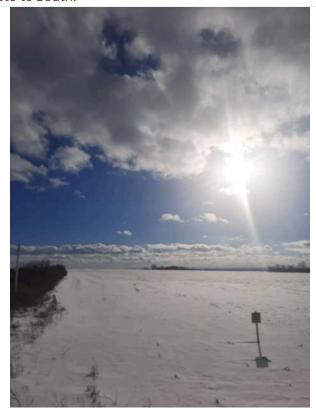
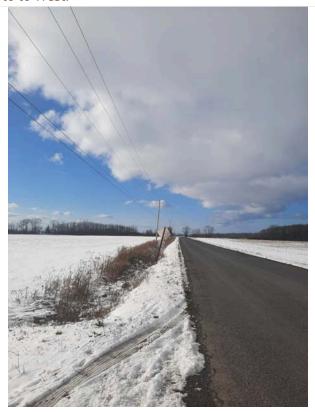




Photo to South:



### Photo to West:



Start Time (24 hour clock,	0800
4.400\	

ex: 1422):

End Time (24 hour clock, ex: 1434

1422):

Survey Duration (hr:min): 0634

## Hourly Conditions (at start of each hour block) 1

Survey Hour:	X	0800-0900
		0900-1000
		1000-1100
		1100-1200
		1200-1300
		1300-1400
	Ш	1400-1500
		1500-1600
		1600-1700
		1700-1800
		1800-1900
Temperature (F):	29	
Cloud Cover (%):		Clear = 0-10%
		Mostly Clear = 10-25%
	X	Partly Cloudy = 25-50%



		Mostly Cloudy = 50-90%	REDACTED - Permit Application No. 23-00064
		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) 2	
Survey Hour:		0800-0900	
	X	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%	
	Χ	Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
		Overcast = 90-100%	
Wind Direction(s):	NW		
Wind Speed (mph):	6		
Precipitation:		Drizzle	



		REDACTED - Permit Application No. 23-00064
	└─│ 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	
	X 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%	
	X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	NW	
Wind Speed (mph):	7	
Precipitation:	Drizzle	
	L Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	



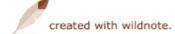
	Mist	REDACTED - Permit Application No. 23-00064
	Other (write in notes)	
Other Precipitation/	— Other (write inflotes)	
Precipitation Notes:		
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at start of	each hour block) 4	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	X 1100-1200	
	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%	
	X 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:		
-		



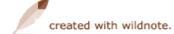
□ 0800-0900         □ 0900-1000         □ 1000-1100         □ 1100-1200         X 1200-1300         □ 1300-1400         □ 1400-1500         □ 1500-1600         □ 1700-1800         □ 1800-1900
31
Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  X Mostly Cloudy = 50-90%  Overcast = 90-100%
NW
Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)
10
each hour block) 6
0800-0900 0900-1000 1000-1100



	1100-1200	REDACTED - Permit Application No. 23-00064
	1200-1300	
	X 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%	
	X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	NW	
Wind Speed (mph):	9	
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	
	☐ Thick Fog	
	<u></u> 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	
	X 1400-1500	
	1500-1600	



Temperature (F):	REDACTED - Permit Application No. 23-00064  1700-1800 1800-1900  32
Cloud Cover (%):	Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  X 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:	
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.



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 South:



#### Photo to West:



Start Time (24 hour clock,

ex: 1422):

End Time (24 hour clock, ex: 1433

1422):

Survey Duration (hr:min):

0800

6:33

Hourly Conditions (at start of	each hour block) 1
Survey Hour:	X 0800-0900
	0900-1000
	1000-1100
	1100-1200
	1200-1300
	1300-1400
	1400-1500
	1500-1600
	1600-1700



	1700-1800	REDACTED - Permit Application No. 23-00064
	1800-1900	
Temperature (F):	32	
Cloud Cover (%):	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%  X Overcast = 90-100%	
Min d Discortion (a)		
Wind Speed (mph):	NW 8	
Wind Speed (mph): Precipitation:		
rrecipitation.	X Drizzle	
	└── Hail	
	Rain	
	X Sleet	
	X Snow	
	☐ Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:	Light snow and drizzle mix	
Visibility (miles):	2	
Visibility (miles): Misc. Hourly Notes:	2	
Misc. Hourly Notes:	each hour block) 2	
Misc. Hourly Notes:  Hourly Conditions (at start of	each hour block) 2	
Misc. Hourly Notes:  Hourly Conditions (at start of	each hour block) 2  0800-0900  X 0900-1000	
Misc. Hourly Notes:  Hourly Conditions (at start of	each hour block) 2  0800-0900  X 0900-1000  1000-1100	
Misc. Hourly Notes:  Hourly Conditions (at start of	each hour block) 2  0800-0900  X 0900-1000  1000-1100  1100-1200	
Misc. Hourly Notes:  Hourly Conditions (at start of	each hour block) 2  0800-0900  X 0900-1000  1000-1100  1100-1200  1200-1300	
Misc. Hourly Notes:  Hourly Conditions (at start of	each hour block) 2  0800-0900  X 0900-1000  1000-1100  1100-1200  1200-1300  1300-1400	
Misc. Hourly Notes:  Hourly Conditions (at start of	each hour block) 2  0800-0900  X 0900-1000  1000-1100  1100-1200  1200-1300  1300-1400  1400-1500	
Misc. Hourly Notes:  Hourly Conditions (at start of	each hour block) 2  0800-0900  X 0900-1000  1000-1100  1100-1200  1200-1300  1300-1400  1400-1500  1500-1600	
Misc. Hourly Notes:  Hourly Conditions (at start of	each hour block) 2  0800-0900  X 0900-1000  1000-1100  1100-1200  1200-1300  1300-1400  1400-1500  1500-1600  1600-1700	
Misc. Hourly Notes:  Hourly Conditions (at start of	each hour block) 2  0800-0900  X 0900-1000  1000-1100  1100-1200  1200-1300  1300-1400  1400-1500  1500-1600  1700-1800	
Misc. Hourly Notes:  Hourly Conditions (at start of Survey Hour:	each hour block) 2  0800-0900  X 0900-1000  1000-1100  1100-1200  1200-1300  1300-1400  1400-1500  1500-1600  1600-1700  1700-1800  1800-1900	
Misc. Hourly Notes:  Hourly Conditions (at start of Survey Hour:  Temperature (F):	each hour block) 2  0800-0900  X 0900-1000  1000-1100  1100-1200  1200-1300  1300-1400  1400-1500  1500-1600  1700-1800  1800-1900	
Misc. Hourly Notes:  Hourly Conditions (at start of Survey Hour:	each hour block) 2  0800-0900  X 0900-1000  1000-1100  1100-1200  1200-1300  1300-1400  1400-1500  1500-1600  1600-1700  1700-1800  1800-1900  32  Clear = 0-10%	
Misc. Hourly Notes:  Hourly Conditions (at start of Survey Hour:  Temperature (F):	each hour block) 2  0800-0900  X 0900-1000  1000-1100  1100-1200  1200-1300  1300-1400  1400-1500  1500-1600  1700-1800  1800-1900	



		Partly Cloudy = 25-50%	REDACTED - Permit Application No. 23-00064
		Mostly Cloudy = 50-90% Overcast = 90-100%	
W. 18: ()	X	Overcast = 90-100%	
Wind Direction(s):	NW		
Wind Speed (mph):	9		
Precipitation:	Щ	Drizzle	
	Щ	Hail	
	Щ	Rain	
	Ш	Sleet	
	X	Snow	
	Щ	Thick Fog	
	Ш	Mist	
		Other (write in notes)	
Other Precipitation/ Precipitation Notes:			
Visibility (miles):	1		
Misc. Hourly Notes:			
Hourly Conditions (at start of	each l	nour block) 3	
Survey Hour:		0800-0900	
		0900-1000	
	X	1000-1100	
	H	1100-1200	
	一	1200-1300	
		1300-1400	
	$\Box$	1400-1500	
		1500-1600	
		1600-1700	
		1700-1800	
		1800-1900	
Temperature (F):	31	1800-1900	
Cloud Cover (%):			
(70)		Clear = 0-10%	
		Mostly Clear = 10-25%	
		Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
Wr. ID: (1)	X	Overcast = 90-100%	
Wind Direction(s):	NW		
Wind Speed (mph):	9		



Precipitation:		Drizzle	REDACTED - Permit Application No. 23-00064
		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	t of each f	nour block) 4	
Survey Hour:		0800-0900	
		0900-1000	
		1000-1100	
	X	1100-1200	
		1200-1300	
		1300-1400	
		1400-1500	
		1500-1600	
		1600-1700	
		1700-1800	
		1800-1900	
Temperature (F):	32	1000 1900	
Cloud Cover (%):		Cl 0.400/	
, ,		Clear = 0-10%	
		Mostly Clear = 10-25%	
		Partly Cloudy = 25-50%	
		Mostly Cloudy = 50-90%	
	X	Overcast = 90-100%	
Wind Direction(s):	NW		
Wind Speed (mph):	9		
Precipitation:		Drizzle	
		Hail	
		Rain	
		Sleet	
	X	Snow	



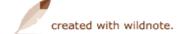
	Thield For	REDACTED - Permit Application No. 23-00064
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:	Light snow 1137-1142	
Visibility (miles):	10	
Misc. Hourly Notes:		
Hourly Conditions (at sta	rt of each hour block) 5	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	X 1200-1300	
	1300-1400	
	1400-1500	
	1500-1600	
	1600-1700	
	1700-1800	
	1800-1900	
Temperature (F):	32	
Cloud Cover (%):		
Cloud Cover (70).	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	Mostly Cloudy = 50-90%	
	X Overcast = 90-100%	
Wind Direction(s):	NW	
Wind Speed (mph):	9	
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	
	X Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	11	
visibility (filles).	11	



Hourly Conditions (at start of	each hour block) 6
Survey Hour:	0800-0900
	0900-1000
	1000-1100
	1100-1200
	1200-1300
	X 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%
	X Overcast = 90-100%
Wind Direction(s):	NW
Wind Speed (mph):	NW 9
Wind Speed (mph):	9
Wind Speed (mph):	9 Drizzle
Wind Speed (mph):	9 Drizzle Hail
Wind Speed (mph):	9 Drizzle Hail Rain
Wind Speed (mph):	9 Drizzle Hail Rain Sleet
Wind Speed (mph):	Drizzle Hail Rain Sleet Snow
Wind Speed (mph): Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog
Wind Speed (mph):	9
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles):	9
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes: Visibility (miles): Misc. Hourly Notes:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles): Misc. Hourly Notes:  Hourly Conditions (at start of	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes: Visibility (miles): Misc. Hourly Notes:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)  11    each hour block) 7
Wind Speed (mph): Precipitation:  Other Precipitation/ Precipitation Notes:  Visibility (miles): Misc. Hourly Notes:  Hourly Conditions (at start of	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)



1000-1100 1100-1200 1200-1300 1300-1400 X 1400-1500 1500-1600 1600-1700 1700-1800 1800-1900	REDACTED - Permit Application No. 23-00064
33	
Clear = 0-10%  Mostly Clear = 10-25%  Partly Cloudy = 25-50%  Mostly Cloudy = 50-90%  X Overcast = 90-100%	
NW	
8	
Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)	
12	
MALL, AMCR, CORA, BLJA	
Intermittent snow over course of day, with winds	little accumulation. Consistently high NW
	1100-1200



# 21029 Agricola Wind Checklist

Agricola Wind Fall Ra	aptor 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 South:



#### Photo to West:



0800

Start Time (24 hour clock,

ex: 1422):

End Time (24 hour clock, ex: 1432

1422):

Survey Duration (hr:min): 6:32

Hourly Conditions (at start of	each hour block) 1
Survey Hour:	X 0800-0900
	<u> </u>
	1000-1100
	1100-1200
	1200-1300
	1300-1400
	1400-1500
	1500-1600
	1600-1700

	1700-1800	REDACTED - Permit Application No. 23-00064
	1800-1900	
Tomporature (E):	28	
Temperature (F): Cloud Cover (%):		
Cloud Cover (%).	Clear = 0-10%	
	Mostly Clear = 10-25%	
	Partly Cloudy = 25-50%	
	X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	W	
Wind Speed (mph):	8	
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	
	Snow	
	Thick Fog	
	Mist	
01 5 1111	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	12	
Misc. Hourly Notes:	Frost	
Hourly Conditions (at start of	f each hour block) 2	
Survey Hour:	0800-0900	
	X 0900-1000	
	1000-1100	
	1100 1200	
	1100-1200	
	1200-1300	
	1200-1300 1300-1400	
	1200-1300 1300-1400 1400-1500	
	1200-1300 1300-1400 1400-1500 1500-1600	
	1200-1300 1300-1400 1400-1500 1500-1600 1600-1700	
	1200-1300 1300-1400 1400-1500 1500-1600 1600-1700 1700-1800	
	1200-1300 1300-1400 1400-1500 1500-1600 1600-1700 1700-1800 1800-1900	
Temperature (F):	1200-1300 1300-1400 1400-1500 1500-1600 1600-1700 1700-1800	
Temperature (F): Cloud Cover (%):	1200-1300 1300-1400 1400-1500 1500-1600 1600-1700 1700-1800 1800-1900	



	Mostly Clear = 10-25%	REDACTED - Permit Application No. 23-00064
	Partly Cloudy = 25-50%  X Mostly Cloudy = 50-90%	
	Overcast = 90-100%	
Wind Direction(s):	W	
Wind Speed (mph):	8	
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	
	X Snow	
	Thick Fog	
	Mist	
	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:	0800-0900	
	0900-1000	
	X 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%	
	X Mostly Cloudy = 50-90%	
Min d Dina etters (-):	Overcast = 90-100%	
Wind Direction(s):	W	



Wind Speed (mph):	8	REDACTED - Permit Application No. 23-00064
Other Precipitation/ Precipitation Notes:	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)	
Visibility (miles):	4	
Misc. Hourly Notes:		
Hourly Conditions (at start of	each hour block) 4	
Survey Hour:  Temperature (F):	0800-0900 0900-1000 1000-1100 X 1100-1200 1200-1300 1300-1400 1400-1500 1500-1600 1600-1700 1700-1800 1800-1900	
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	

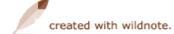


	Snow:	REDACTED - Permit Application No. 23-00064
	Snow	
	☐ Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:		
Visibility (miles):	6	
Misc. Hourly Notes:		
Hourly Conditions (at star	t of each hour block) 5	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	1100-1200	
	X 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%	
	X Overcast = 90-100%	
Wind Direction(s):	W	
Wind Speed (mph):	7	
Precipitation:	Drizzle	
	Hail	
	Rain	
	Sleet	
	X Snow	
	Thick Fog	
	Mist	
	Other (write in notes)	
Other Precipitation/ Precipitation Notes:	Light snow	





	0900-1000 REDACTED - Permit Application No. 23-0	0064
	1000-1100	
	1100-1200	
	1200-1300	
	1300-1400	
	X 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%  X Overcast = 90-100%	
Wind Direction(s):	W Overease 50 100 %	
Wind Speed (mph):	6	
Precipitation:		
·	Drizzle	
	☐ Hail	
	Rain	
	Sleet	
	Snow	
	☐ Thick Fog	
	☐ Mist	
	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 a 1225, followed by a single coyote 15 min later.	at



Agricola Wind Fall Rapt	or 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:



#### 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:	X 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%

	X 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/	Other (write in notes)
Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	
Hourly Conditions (at start of	each hour block) 2
Survey Hour:	0800-0900
	X 0900-1000
	1000-1100
	1100-1200
	1200-1300
	1300-1400
	1400-1500
	1500-1600
	1600-1700
	1700-1800
T(F)	1800-1900
Temperature (F): Cloud Cover (%):	38
Cioda Covei (70).	Clear = 0-10%
	Mostly Clear = 10-25%
	Partly Cloudy = 25-50%
	Mostly Cloudy = 50-90%
	X Overcast = 90-100%
Wind Direction(s):	S
Wind Speed (mph):	10
Precipitation:	Drizzle
	Hail
	Rain
	Sleet

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Misc. Hourly Notes: EDR

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Hourly Conditions (at start of each hour block) 4			
Survey Hour:	0800-0900 0900-1000		
	X 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%		
	X Overcast = 90-100%		
Wind Direction(s):	S		
Wind Speed (mph):	9		
Precipitation:	Drizzle		
	Hail		
	Rain		
	Sleet		
	Snow		
	Thick Fog		
	Mist		
	Other (write in notes)		
Other Precipitation/ Precipitation Notes:			
	10		
Misc. Hourly Notes:			
Hourly Conditions (at start of e	ach hour block) 5		
Survey Hour:	0800-0900		
	0900-1000		
	1000-1100		
	1100-1200		
	X 1200-1300		
	1300-1400		

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Drizzle

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.

## 21029 Agricola Wind Checklist

Agricola Wind Fall Ra	aptor 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:	X 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%
	X Partly Cloudy = 25-50%
	Mostly Cloudy = 50-90%
	Overcast = 90-100%
Wind Direction(s):	SW
Wind Speed (mph):	10
Precipitation:	Drizzle
	Hail
	Rain

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Visibility (miles):	10	. Ph
Misc. Hourly Notes:		
Hourly Conditions (at start of	each hour block) 3	
Survey Hour:	0800-0900	
	0900-1000	
	X 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%	
	X 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) 4	
Survey Hour:	0800-0900	
	0900-1000	
	1000-1100	
	X 1100-1200	

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	46
Cloud Cover (%):	Clear = 0-10%
	Mostly Clear = 10-25%
	X 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:	
Tribe: Hourly Hotes.	
Hourly Conditions (at start of	each hour block) 6
	each hour block) 6  0800-0900
Hourly Conditions (at start of	
Hourly Conditions (at start of	0800-0900
Hourly Conditions (at start of	0800-0900 0900-1000
Hourly Conditions (at start of	0800-0900 0900-1000 1000-1100
Hourly Conditions (at start of	0800-0900 0900-1000 1000-1100 1100-1200
Hourly Conditions (at start of	0800-0900 0900-1000 1000-1100 1100-1200 1200-1300
Hourly Conditions (at start of	<ul> <li>□ 0800-0900</li> <li>□ 0900-1000</li> <li>□ 1000-1100</li> <li>□ 1100-1200</li> <li>□ 1200-1300</li> <li>X 1300-1400</li> </ul>
Hourly Conditions (at start of	<ul> <li>□ 0800-0900</li> <li>□ 0900-1000</li> <li>□ 1000-1100</li> <li>□ 1100-1200</li> <li>□ 1200-1300</li> <li>▼ 1300-1400</li> <li>□ 1400-1500</li> </ul>
Hourly Conditions (at start of	□       0800-0900         □       0900-1000         □       1000-1100         □       1100-1200         □       1200-1300         X       1300-1400         □       1400-1500         □       1500-1600
Hourly Conditions (at start of	○ 0800-0900         ○ 0900-1000         ○ 1000-1100         ○ 1100-1200         ○ 1200-1300         ※ 1300-1400         ○ 1500-1600         ○ 1600-1700
Hourly Conditions (at start of	○ 0800-0900         ○ 0900-1000         ○ 1000-1100         ○ 1100-1200         ○ 1200-1300         ※ 1300-1400         ○ 1400-1500         ○ 1500-1600         ○ 1600-1700         ○ 1700-1800
Hourly Conditions (at start of Survey Hour:	□ 0800-0900 □ 0900-1000 □ 1000-1100 □ 1100-1200 □ 1200-1300  X 1300-1400 □ 1400-1500 □ 1500-1600 □ 1600-1700 □ 1700-1800 □ 1800-1900
Hourly Conditions (at start of Survey Hour:  Temperature (F):	<ul> <li>□ 0800-0900</li> <li>□ 0900-1000</li> <li>□ 1000-1100</li> <li>□ 1100-1200</li> <li>□ 1200-1300</li> <li>※ 1300-1400</li> <li>□ 1500-1600</li> <li>□ 1500-1600</li> <li>□ 1700-1800</li> <li>□ 1800-1900</li> <li>47</li> </ul>
Hourly Conditions (at start of Survey Hour:  Temperature (F):	□ 0800-0900 □ 0900-1000 □ 1000-1100 □ 1100-1200 □ 1200-1300  X 1300-1400 □ 1400-1500 □ 1500-1600 □ 1600-1700 □ 1700-1800 □ 1800-1900
Hourly Conditions (at start of Survey Hour:  Temperature (F):	○ 0800-0900         ○ 0900-1000         ○ 1000-1100         ○ 1100-1200         ○ 1200-1300         ※ 1300-1400         ○ 1400-1500         ○ 1500-1600         ○ 1600-1700         ○ 1700-1800         ○ 1800-1900         47         ○ Clear = 0-10%         Mostly Clear = 10-25%
Hourly Conditions (at start of Survey Hour:  Temperature (F):	□ 0800-0900         □ 0900-1000         □ 1000-1100         □ 1100-1200         □ 1200-1300         ☒ 1300-1400         □ 1400-1500         □ 1500-1600         □ 1600-1700         □ 1700-1800         □ 1800-1900         47         □ Clear = 0-10%         ⋈ Mostly Clear = 10-25%         ☒ Partly Cloudy = 25-50%

Wind Speed (mph):	11
Wind Speed (mph): Precipitation:  Other Precipitation/	Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes)
Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	
Hourly Conditions (at start of	each hour block) 7
Temperature (F): Cloud Cover (%):	□ 0800-0900 □ 0900-1000 □ 1000-1100 □ 1100-1200 □ 1200-1300 □ 1300-1400  X 1400-1500 □ 1500-1600 □ 1600-1700 □ 1700-1800 □ 1800-1900  49 □ Clear = 0-10% ■ Mostly Clear = 10-25% ▼ Partly Cloudy = 25-50%
	Mostly Cloudy = 50-90%
	Overcast = 90-100%
Wind Direction(s):	SW 10
Wind Speed (mph):	10
Precipitation:	Drizzle Hail Rain Sleet Snow Thick Fog

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## REDACTED - Permit Application No. 23-00064

	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 if the SW at 10-12 mph all day.

Agricola Wind Fall R	aptor Migration Survey 1
Project	21029 Agricola Wind
ID	198459
Survey Date	12/14/2021
User	Max Baber
Project:	21029 Agricola Wind
Observer Initials:	MDB
Survey Location:	South

#### Photo to North:



Photo to East:



#### 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:	X       0800-0900         0900-1000       1000-1100         1100-1200       1200-1300         1300-1400       1400-1500         1500-1600       1600-1700	
	1700-1800 1800-1900	
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Temperature (F):	32
Cloud Cover (%):	X 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):	10
Misc. Hourly Notes:	
Wilse. Flourly Notes.	
Hourly Conditions (at start of	each hour block) 2
	each hour block) 2  0800-0900
Hourly Conditions (at start of	
Hourly Conditions (at start of	0800-0900
Hourly Conditions (at start of	0800-0900 X 0900-1000
Hourly Conditions (at start of	0800-0900 X 0900-1000 1000-1100
Hourly Conditions (at start of	0800-0900 X 0900-1000 1000-1100 1100-1200
Hourly Conditions (at start of	0800-0900 X 0900-1000 1000-1100 1100-1200 1200-1300
Hourly Conditions (at start of	0800-0900 X 0900-1000 1000-1100 1100-1200 1200-1300 1300-1400
Hourly Conditions (at start of	○ 0800-0900         X 0900-1000         ○ 1000-1100         ○ 1100-1200         ○ 1200-1300         ○ 1300-1400         ○ 1400-1500
Hourly Conditions (at start of	○ 0800-0900         X       0900-1000         ○ 1000-1100         ○ 1100-1200         ○ 1200-1300         ○ 1300-1400         ○ 1400-1500         ○ 1500-1600
Hourly Conditions (at start of	○ 0800-0900         X 0900-1000         ○ 1000-1100         ○ 1100-1200         ○ 1200-1300         ○ 1300-1400         ○ 1500-1600         ○ 1600-1700
Hourly Conditions (at start of	○ 0800-0900         X       0900-1000         ○ 1000-1100         ○ 1100-1200         ○ 1200-1300         ○ 1300-1400         ○ 1400-1500         ○ 1500-1600         ○ 1600-1700         ○ 1700-1800
Hourly Conditions (at start of Survey Hour:	□       0800-0900         X       0900-1000         □       1000-1100         □       1200-1300         □       1300-1400         □       1400-1500         □       1500-1600         □       1700-1800         □       1800-1900
Hourly Conditions (at start of Survey Hour:  Temperature (F):	○ 0800-0900         X 0900-1000         ○ 1000-1100         ○ 1100-1200         ○ 1200-1300         ○ 1300-1400         ○ 1400-1500         ○ 1500-1600         ○ 1700-1800         ○ 1800-1900
Hourly Conditions (at start of Survey Hour:  Temperature (F):	○ 0800-0900         ※ 0900-1000         ○ 1000-1100         ○ 1100-1200         ○ 1200-1300         ○ 1300-1400         ○ 1400-1500         ○ 1500-1600         ○ 1600-1700         ○ 1700-1800         ○ 1800-1900     Clear = 0-10%
Hourly Conditions (at start of Survey Hour:  Temperature (F):	□ 0800-0900         X 0900-1000         □ 1000-1100         □ 1100-1200         □ 1200-1300         □ 1300-1400         □ 1400-1500         □ 1500-1600         □ 1600-1700         □ 1700-1800         □ 1800-1900         34         □ Clear = 0-10%         X Mostly Clear = 10-25%
Hourly Conditions (at start of Survey Hour:  Temperature (F):	□ 0800-0900         ▼ 0900-1000         □ 1000-1100         □ 1100-1200         □ 1200-1300         □ 1300-1400         □ 1400-1500         □ 1500-1600         □ 1600-1700         □ 1700-1800         □ 1800-1900         34         □ Clear = 0-10%         ▼ Mostly Clear = 10-25%         □ Partly Cloudy = 25-50%

Wind Speed (mph):	3
Precipitation:	Drizzle
	Hail
	Rain
	Sleet
	Snow
	Thick Fog
	Mist
	Other (write in notes)
Other Precipitation/	Other (write in notes)
Precipitation Notes:	
Visibility (miles):	10
Misc. Hourly Notes:	
Hourly Conditions (at start of	each hour block) 3
Survey Hour:	0800-0900
	0900-1000
	X 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%
	X 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

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Hourly Conditions (at start of each hour block) 5

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Misc. Hourly Notes:

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Survey Hour:	0800-0900
	0900-1000
	1000-1100
	1100-1200
	X 1200-1300
	1300-1400
	1400-1500
	1500-1600
	1600-1700
	1700-1800
	1800-1900
Temperature (F):	40
Cloud Cover (%):	X 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) 6
Survey Hour:	0800-0900
	0900-1000
	1000-1100
	1100-1200
	1200-1300
	X 1300-1400
	1400-1500

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## REDACTED - Permit Application No. 23-00064 Partly Cloudy = 25-50% Mostly Cloudy = 50-90% Overcast = 90-100% NNW Wind Direction(s): Wind Speed (mph): 3 Precipitation: Drizzle Hail Rain Sleet Snow Thick Fog Mist Other (write in notes) Other Precipitation/ Precipitation Notes: 13 Visibility (miles): Misc. Hourly Notes:

AMCR, CANG, BCCH, CORA, WBNU, BLJA, TUTI, NOFL, SNGO

Deer carcass in S field has been fully cleaned; no scavengers visited carcass during survey

**EDR** 

Incidental Species (Alpha

General Survey Notes:

Codes):