



## June 2, 2019 Payload 3 Daily Flight Report



**Date:** 2019-06-02

**Flight Campaign ID:** 2019\_P3C1

**Airport, FBO ID, City:** Rhinelander-Oneida County Airport (KRHI) - Rhinelander, WI

**Domain:** 05

**Sites Flown:** CHEQ (Chequamegon-Nicolet National Forest), STEI\_TREE\_P2 (Steigerwaldt Land Services and Treehaven Priority 2)

**Days left in Domain:** 20

**Report Author:** Michael Wussow

**Flight Crew:** Michael Wussow, Ivana Vu

**Ground/GPS:** Robb Walker

**Pilots:** Gina Moore, Jeff Quintanilla

**Additional Personnel:**

**GPS Instruments:** WISCORS-RHER, WISCORS-LYNE

**Flight Hours:** 03:18

**Hours until maintenance:** 33.02

### Summary

With hopes of clear skies, the crew aimed for a "green" UNDERC collect, but a pesky thin cirrus layer and small cumulus pushed sky cover over the 10% threshold for "green" conditions. The crew completed the CHEQ flyrity 3 box under borderline yellow/green conditions and a portion of the STEI\_TREE\_P2 box under yellow conditions.

### Concerns

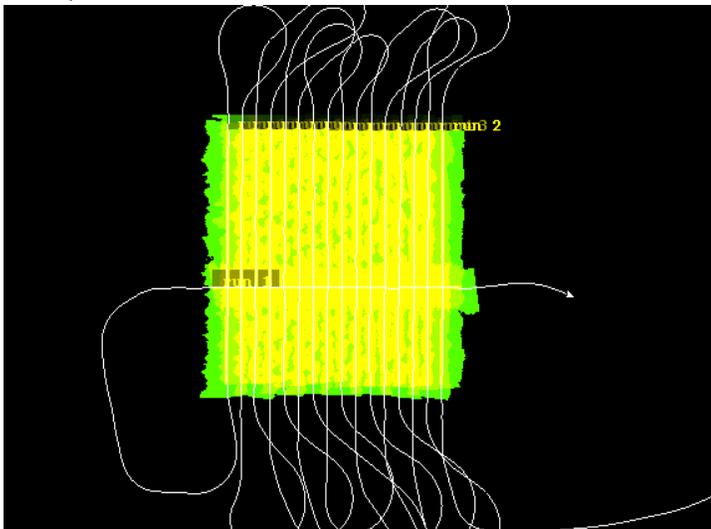
None

### Comments

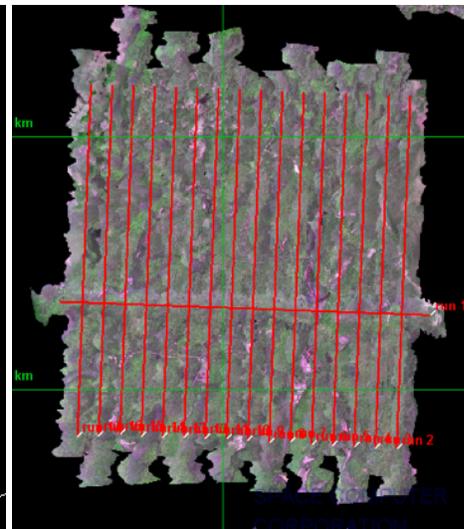
- A Freeze Warning was in effect until 8am this morning in northern Wisconsin
- Smoke from fires in Alberta, CA may be continue to be an issue but was south and west of Wisconsin today

### Flight Screenshots

#### CHEQ

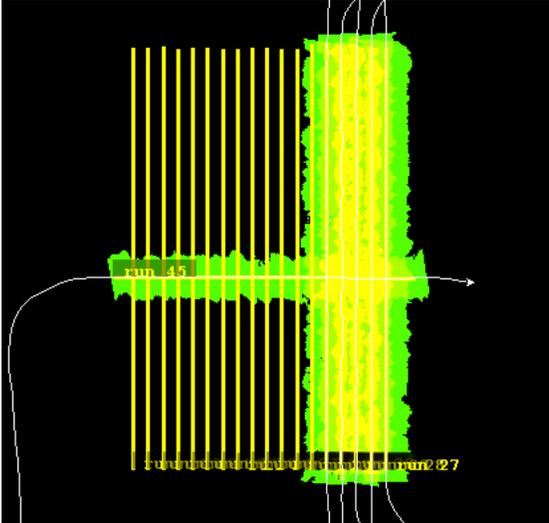


Lidar

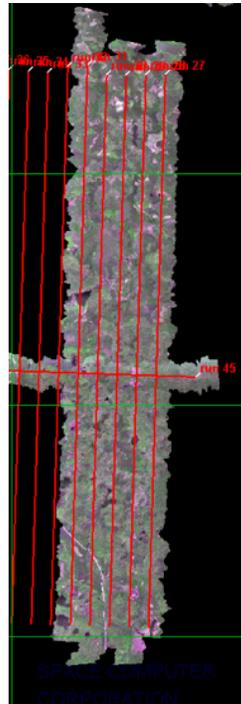


NIS

## STEL\_TREE\_P2



Lidar



NIS

## Pictures



A view of just a few of the many lakes in the Chequamegon-Nicolet National Forest in northern Wisconsin

## Daily Coverage

D05 CHEQ	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	×	NL
	2				✓	✓	×	NL
	3				✓	✓	×	NL
	4				✓	✓	×	NL
	5				✓	✓	×	NL
	6				✓	✓	×	NL
	7				✓	✓	×	NL
	8				✓	✓	×	NL
	9				✓	✓	×	NL
	10				✓	✓	×	NL
	11				✓	✓	×	NL
	12				✓	✓	×	NL
	13				✓	✓	×	NL
	14				✓	✓	×	NL
	15				✓	✓	×	NL
	16				✓	✓	×	NL
	17				✓	✓	×	NL
Flown:	17							
D05 STEI_TREE_P2	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	27				✓	✓	×	NL
	28				✓	✓	×	NL
	29				✓	✓	×	NL
	30				✓	✓	×	NL
	31				✓	✓	×	NL
	45				✓	✓	×	NL
Flown:	6							

## Cumulative Domain Coverage

### CHEQ

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
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Flown: 100% (17/17)

Green: 0% (0/17)

Yellow: 100% (17/17)

Red: 0% (0/17)

### STEI\_TREE\_P1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26														

Flown: 0% (0/26)

Green: 0% (0/26)

Yellow: 0% (0/26)

Red: 0% (0/26)

**STEI\_TREE\_P2**

27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
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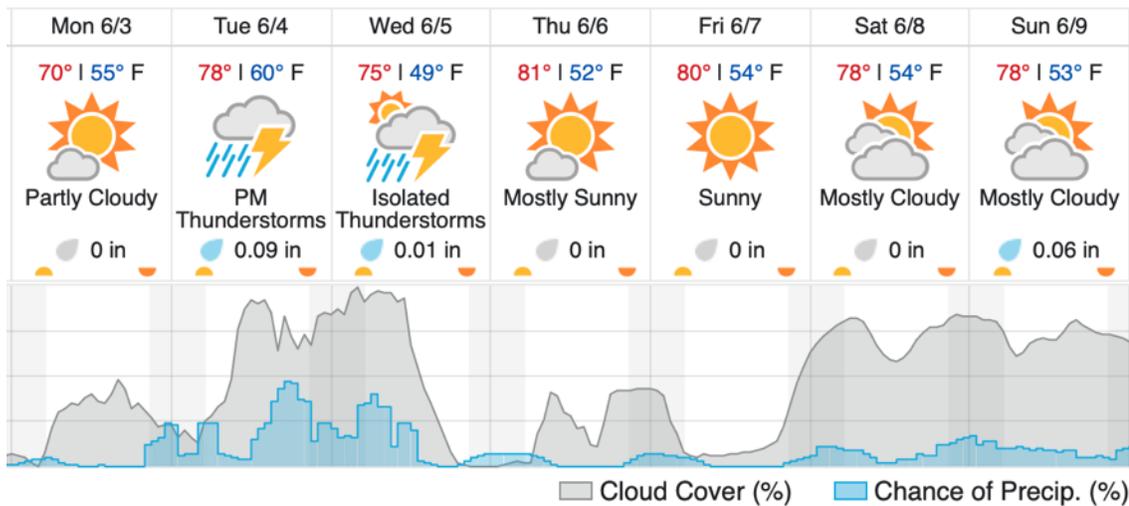
Flown: 32% (6/19)  
 Green: 0% (0/19)  
 Yellow: 32% (6/19)  
 Red: 0% (0/19)

**UNDE**

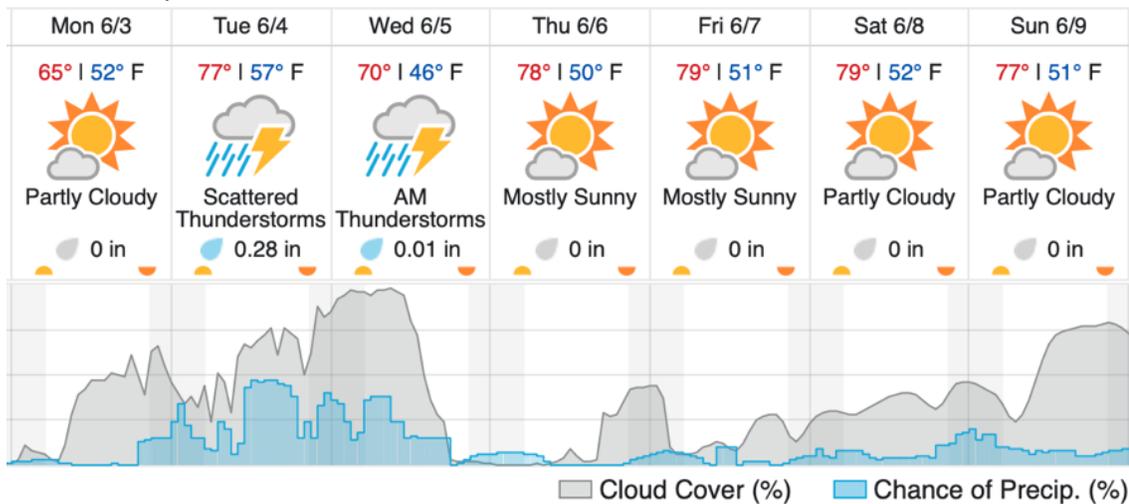
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29											

Flown: 0% (0/29)  
 Green: 0% (0/29)  
 Yellow: 0% (0/29)  
 Red: 0% (0/29)

**Weather Forecast  
 Rhinelander, WI**



**Land O'Lakes, WI**



## **Flight Collection Plan for 03 June 2019**

### **Flyority 1**

Collection Area: UNDERC (UNDE)

Flight Plan Name: D05\_UNDE\_C1\_P1\_v2\_Q780

On-station Time: 1420 – 2130 UTC / 0920 – 1630 L

### **Flyority 2**

Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE) – Priority 1 Flight Box

Flight Plan Name: D5\_STEI\_TREE\_R1\_P1\_v3\_Q780

On-station Time: 1420 – 2130 UTC / 0920 – 1630 L

### **Flyority 3**

Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE) – Priority 2 Flight Box

Flight Plan Name: D5\_STEI\_TREE\_R1\_P2\_v3\_Q780

On-station Time: 1420 – 2130 UTC / 0920 – 1630 L

### **Flyority 4**

Collection Area: Chequamegon-Nicolet National Forest (CHEQ)

Flight Plan Name: D05\_CHEQ\_R2\_P1\_v3\_Q780

On-station Time: 1420 – 2130 UTC / 0920 – 1630 L

\*If green conditions exist and other sites are completed in green

**Crew:** Robb Walker (Lidar), Mike Wussow (NIS), Ivana Vu (GPS/Ground)

## **Flight Collection Plan for 04 June 2019**

**Flyority 1-4:** Same as previous day

**Crew:** Ivana Vu (Lidar), Robb Walker (NIS), Mike Wussow (GPS/Ground)