



## June 13, 2019 Payload 3 Daily Flight Report



**Date:** 2019-06-13

**Flight Campaign ID:** 2019\_P3C1

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

**Domain:** 05

**Sites Flown:** STEI\_TREE\_P1 (Steigerwaldt Land Services and Treehaven Priority 1), STEI\_TREE\_P2 (Steigerwaldt Land Services and Treehaven Priority 2)

**Days left in Domain:** 9

**Report Author:** Robb Walker

**Flight Crew:** Robb Walker, Michael Wussow

**Ground/GPS:** Ivana Vu

**Pilots:** Jeff Quintanilla, Gina Moore

**Additional Personnel:** N/A

**GPS Instruments:** WISCORS-RHER

**Flight Hours:** 02:24

**Hours until maintenance:** 20.75

### Summary

Payload 3 took to the skies this morning and was able to collect most of remaining STEI\_TREE priority 1 lines under green conditions, and initial coverage of STEI\_TREE priority 2. All sites now have initial coverage.

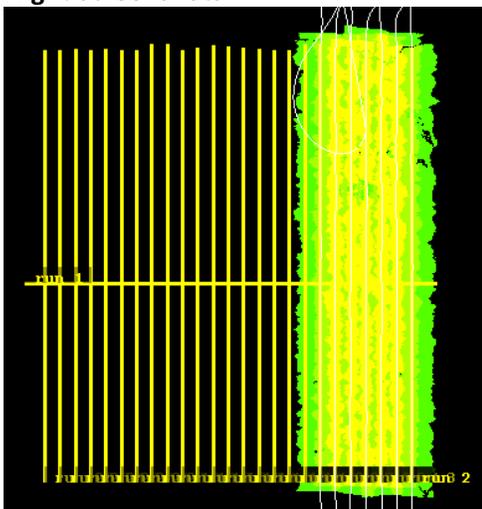
### Concerns

During second plan change in hopes of collecting green conditions at CHEQ, snapshot closed and would not reconnect to GPS when restarted. MIDAS power was cycled from junction box behind data recorder (POS was not cycled). This allowed snapshot to reconnect to GPS. Scanner power had to be cycled to allow RiAcquire to reinitialize scanner.

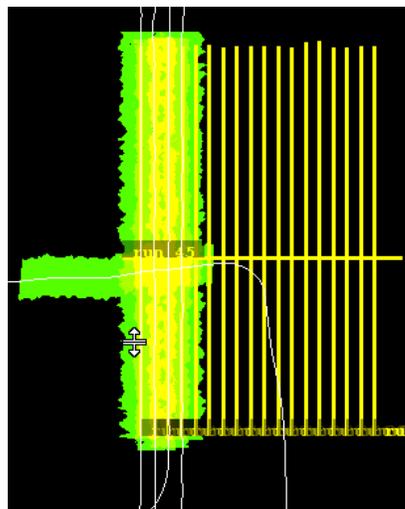
### Comments

- Crew rotation day Friday, no flights will be conducted.
- Nick Marusich arrived last night, John Adler and Bridget Hass arrive Friday.
- Robb Walker, Ivana Vu and Mike Wussow depart Friday for time off.

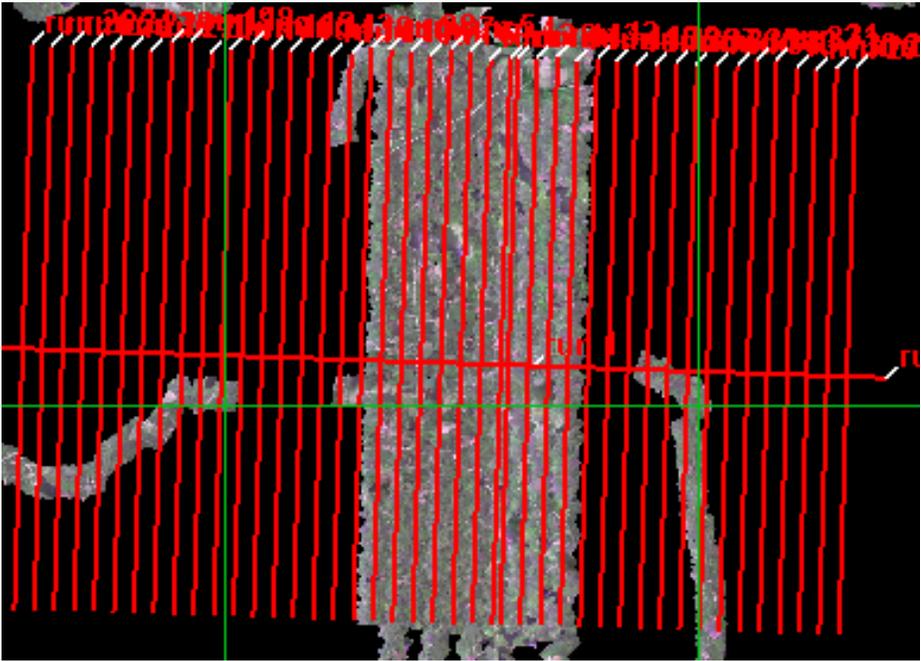
### Flight Screenshots



STEI\_TREE\_P1 (Lidar)

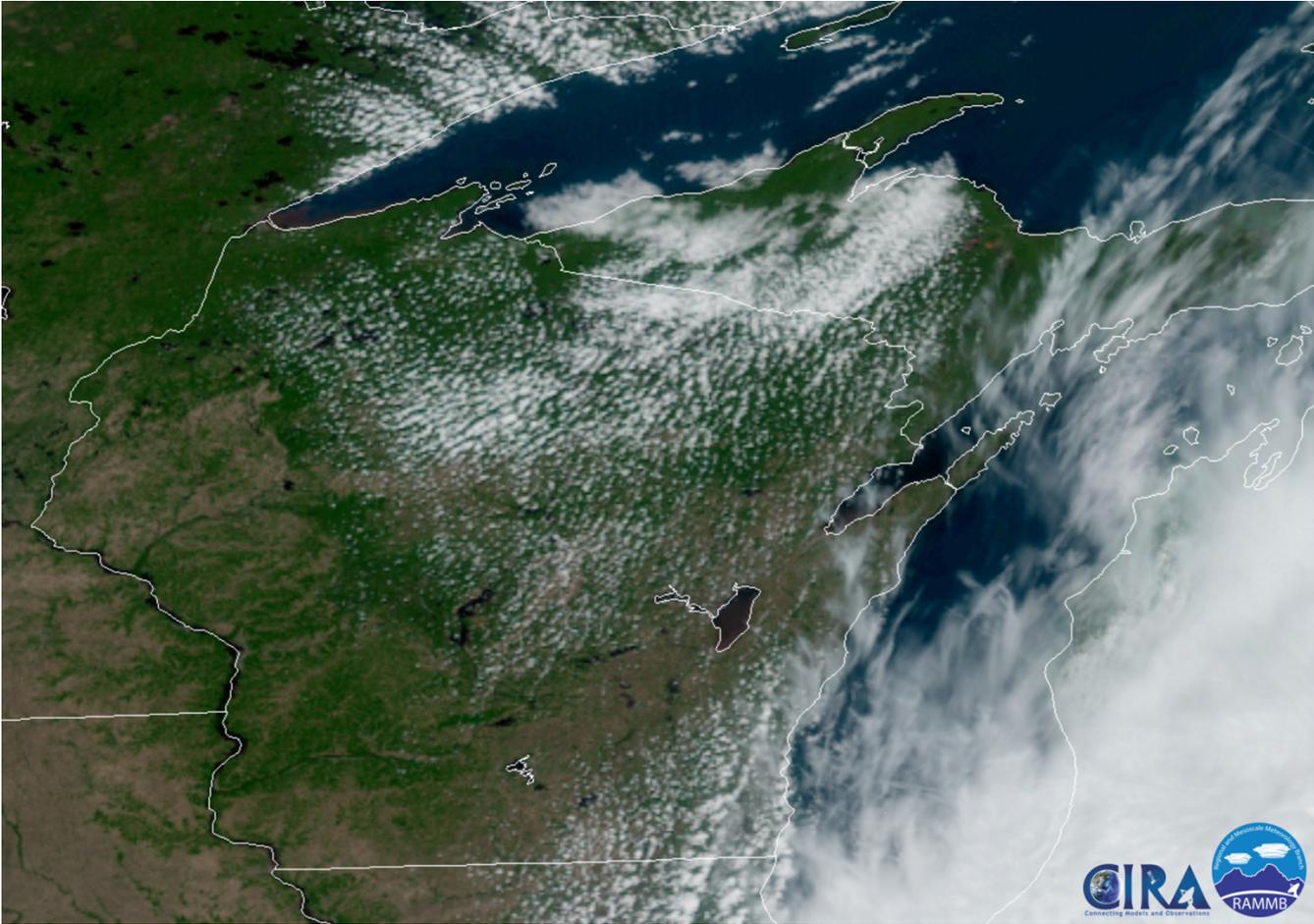


STEI\_TREE\_P2 (Lidar)



STEL\_TREE\_P! and P2 (NIS)

Pictures



GOES East image of clouds preventing our attempt to finish 'Green' up of sites.

## Daily Coverage

D05 STEI_TREE_P1	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	2				✓	✓	X	NL
	3				✓	✓	X	NL
	4				✓	✓	X	NL
	5				✓	✓	X	NL
	6				✓	✓	X	NL
	7				✓	✓	X	NL
	8				✓	✓	X	NL
Flown:	7							
D05 STEI_TREE_P2	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	41				✓	✓	X	NL
	42				✓	✓	X	NL
	43				✓	✓	X	NL
	44				✓	✓	X	NL
	45				✓	✓	X	NL
Flown:	5							

## 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: 100% (26/26)

Green: 81% (21/26)

Yellow: 27% (7/26)

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: 100% (19/19)

Green: 0% (0/19)

Yellow: 84% (16/19)

Red: 26% (5/19)

### 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: 100% (29/29)

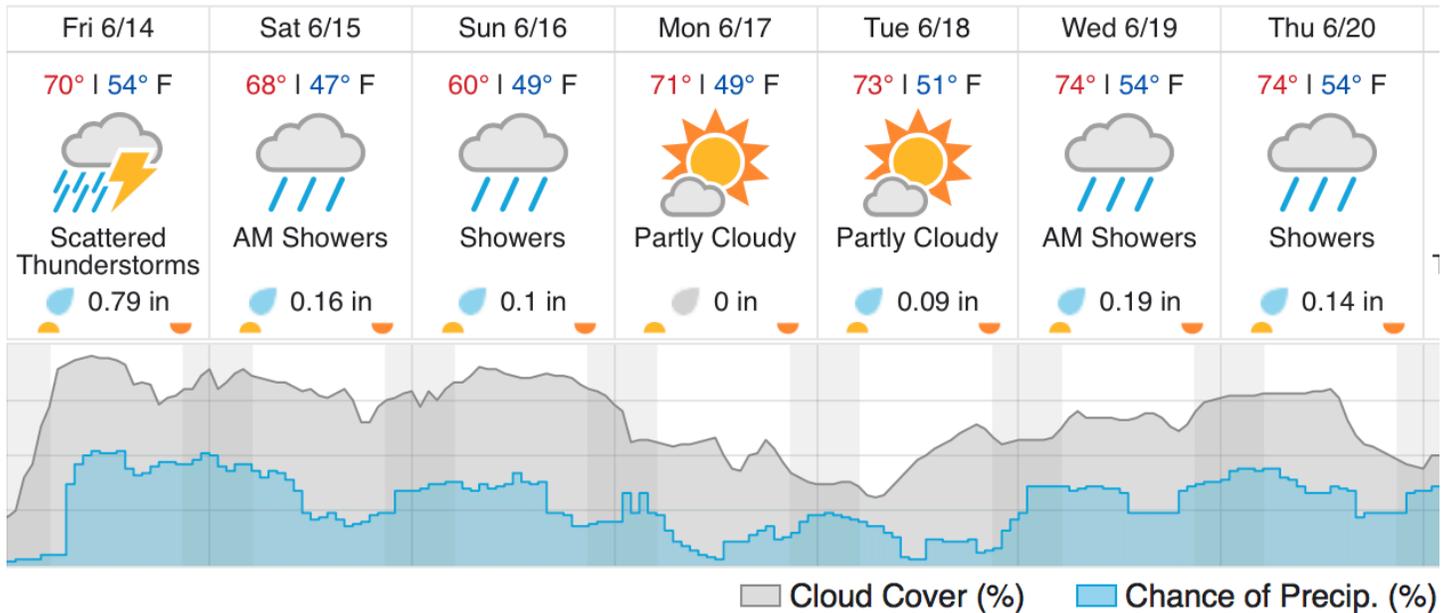
Green: 103% (30/29)

Yellow: 0% (0/29)

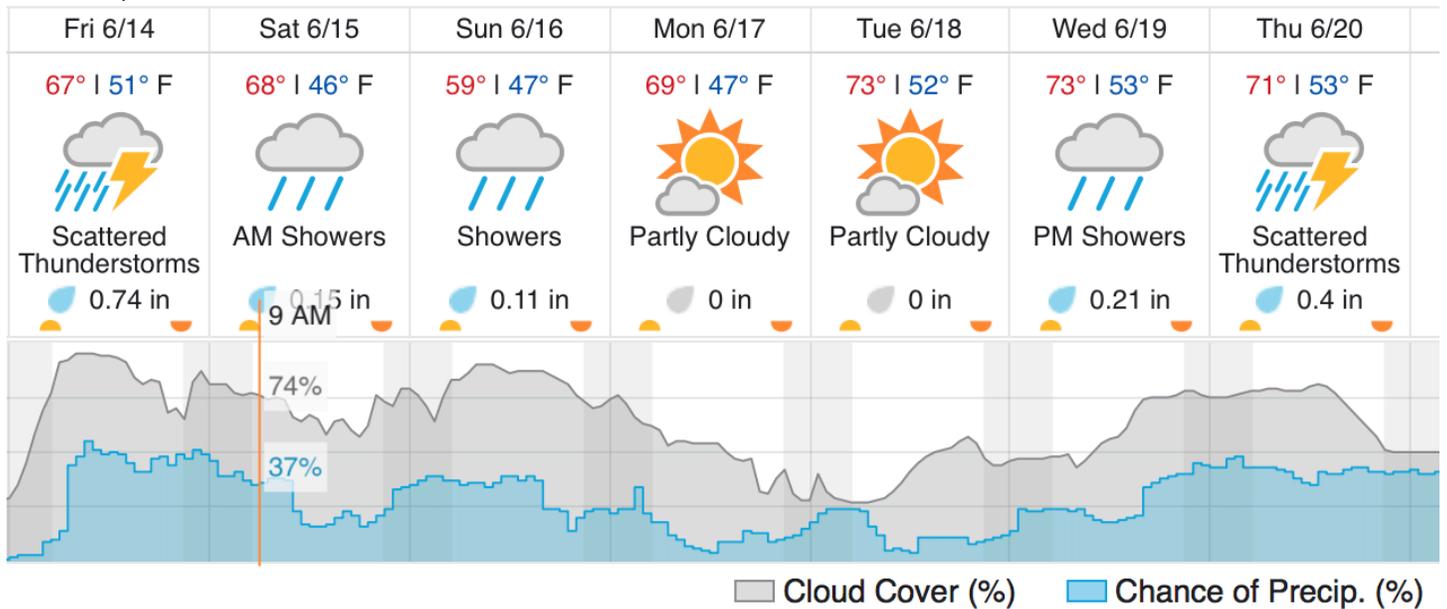
Red: 0% (0/29)

## Weather Forecast

Rhinelander, WI



Woodruff, WI



### Flight Collection Plan for 14 June 2019

Crew Rotation Day - no flights planned

### Flight Collection Plan for 15 June 2019

#### Flyority 1

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

Lines 1,7-11 \*If green conditions exist

**Flyority 2**

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

**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

Lines 27-45 \*If green conditions exist

**Crew:** TBD