

## Payload 3 Daily Flight Report



Date: 2024-06-27

Flight Campaign ID: P3C1

Airport, FBO ID, City: Wausau Downtown Airport (KAUW) - Wausau, WI

Aircraft: N821AR

Domain: 05 (Great Lakes)

Sites Flown: None Days left in Domain: 18

Report Author: Mitch

**Lidar Operators**: Mitch Flight Hours: 00:00

Spectrometer Operators: Matt Hours until maintenance: 34.27

**Pilots**: Jeff, Shane **Ground Crew**: Elissa

#### **Summary**

Crew mobilized to the airport this morning as skies over northern Wisconsin looked promisingly clear for a potential green collect. However cumulus clouds were observed from the tower cameras populated the skies just before the Twin Otter could be towed out of the hangar. Clouds continued building to almost complete cloud cover. No flights occurred.

#### **Concerns**

None

#### **Comments**

Matt departed D05 today after flights were cancelled. Thanks for the hard work, Matt!

### **Cumulative Domain Coverage**

D05 | CHEQ (Chequamegon-Nicolet National Forest)

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Flown: 0% (0/16) Green: 0% (0/16) Yellow: 0% (0/16) Red: 0% (0/16)

### D05 | LIRO (Little Rock Lake)

2 3 4 5 6 7 8
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Flown: 0% (0/7) Green: 0% (0/7) Yellow: 0% (0/7) Red: 0% (0/7)

### D05|STEI TREE P1 (Steigerwaldt Land Services and Treehaven Priority 1)

505   57 El_TREE_T 1 (500   60 Walde Earla Sel vices and Tree lavel Thomas 17																			
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
22	23	2/	25	26															

Flown: 0% (0/25) Green: 0% (0/25) Yellow: 0% (0/25) Red: 0% (0/25)

## D05|STEI\_TREE\_P2 (Steigerwaldt Land Services and Treehaven Priority 2)

27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	

Flown: 0% (0/18) Green: 0% (0/18) Yellow: 0% (0/18) Red: 0% (0/18)

#### D05 | UNDE (University of Notre Dame Environmental Research Center)

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: 71% (20/28) Green: 0% (0/28) Yellow: 0% (0/28) Red: 71% (20/28)

## D05 | WABI (Wabikon Forest Dynamics Plot Assignable Asset)

2 3 4 5 6 7

Flown: 0% (0/6) Green: 0% (0/6) Yellow: 0% (0/6) Red: 0% (0/6)

#### **Weather Forecast**

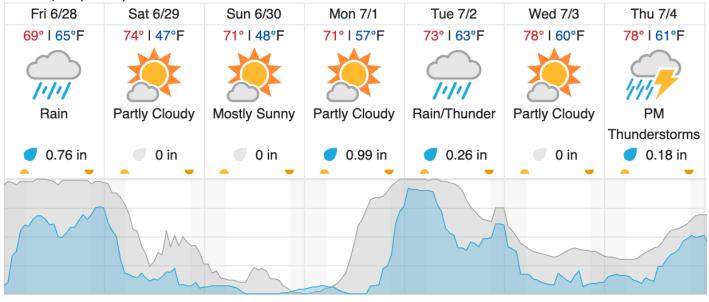
Boulder Junction, WI (UNDE, LIRO)

Fri 6/28	Sat 6/29	Sun 6/30	Mon 7/1	Tue 7/2	Wed 7/3	Thu 7/4
66° I 60°F	64° I 42°F	69° I 45°F	70° I 53°F	71° I 58°F	77° I 55°F	76° I 55°F
//// Rain	Mostly Cloudy	Mostly Sunny	Mostly Cloudy	///// Scattered	Partly Cloudy	PM
T Latti	moony cloudy	moonly curry	moony cloudy	Thunderstorms	r army cloudy	Thunderstorms
<b>0.72</b> in	0 in	0 in	<b>0.61</b> in	<b>0.16</b> in	0 in	<b>0.2</b> in

## Tomahawk, WI (STEI)

Fri 6/28	Sat 6/29	Sun 6/30	Mon 7/1	Tue 7/2	Wed 7/3	Thu 7/4
68° I 62°F	71° I 44°F	71° I 45°F	71° I 54°F	72° I 60°F	79° I 56°F	77° I 57°F
////			8	////		1111
Rain	Partly Cloudy	Sunny	Mostly Cloudy	Rain/Thunder	Mostly Sunny	PM
<b>0</b> .59 in	<b>0</b> in	<b>0</b> in	<b>0</b> .71 in	<b>0</b> .2 in	<b>0</b> in	Thunderstorms  0.19 in
0.59 111	• • • •	• UIII	0.71 111	0.2 111	0 111	0.19 111

#### Wausau, WI (KAUW)



source: wunderground.com

Cloud Cover (%)

# Flight Collection Plan for 28 June 2024

#### Flyority 1

Collection Area: UNDERC (UNDE) If Red/Yellow conditions, lines 1-9; if Green conditions all lines.

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

On-station Time: 1420 UTC / 0920 L

## Flyority 2

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

Flight Plan Name: D05\_STEI\_TREE\_R1\_P1\_P2\_v3\_ Q780

Chance of Precip. (%)

On-station Time: 1420 UTC / 0920 L

Collection Area: Chequamegon-Nicolet National Forest (CHEQ)

Flight Plan Name: D05\_CHEQ\_R2\_P1\_v3\_ Q780

On-station Time: 1420 UTC / 0920 L

Flyority 4

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

Flight Plan Name: D05\_STEI\_TREE\_R1\_P1\_P2\_v3\_Q780

On-station Time: 1420 UTC / 0920 L

Flyority 5

Collection Area: Little Rock Lake (LIRO)

Flight Plan Name: D05\_LIRO\_A1\_P2\_v2\_Q780

On-station Time: 1420 UTC / 0920 L

Flyority 6

Collection Area: Wabikon Forest Dynamics Plot (WABI)

Flight Plan Name: D05\_WABI\_S1\_P1\_v2\_Q780

On-station Time: 1420 UTC / 0920 L

Flight Crew: Elissa (Lidar), Mitch (NIS)