Payload 3 Daily Flight Report

**Date**: 2020-08-02
**Flight Campaign ID**: P3C1
**Airport, FBO ID, City**: Rhinelander-Oneida County Airport (KRHI) - Rhinelander, WI

**Domain**: 05 (Great Lakes)
**Sites Flown**: None
**Days left in Domain**: 16

**Report Author**: Cameron Chapman
**Lidar Operators**: n/a                    **Flight Hours**: 00:00
**Spectrometer Operators**: n/a      **Hours until maintenance**: 52.78
**Pilots**: Micah Hoogeveen, Lane Taylor
**Ground Crew**: n/a

## Summary
The crew coordinated a down day to coincide with expected marginal weather. As forecasted, rain showers persisted throughout the day. Normal flight operations will resume tomorrow.

## Concerns
- The scientist on duty is taking a closer look at the 20200731 flight as the SBET failed to generate.

## Comments
- None

## 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 |
|---|---|---|---|---|---|---|
|   |   |   |   |   |   |   |

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)

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

Flown:  56% (14/25)
Green:  56% (14/25)
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:  0% (0/28)
Green:  0% (0/28)
Yellow:  0% (0/28)
Red:  0% (0/28)

**Weather Forecast**

Rhinelander, WI (KRHI)



| | Mon 8/3 | Tue 8/4 | Wed 8/5 | Thu 8/6 | Fri 8/7 | Sat 8/8 |
|---|---|---|---|---|---|---|
| Temp | 67° \| 42°F | 69° \| 46°F | 73° \| 54°F | 71° \| 57°F | 78° \| 58°F | 80° \| 61°F |
| Conditions | Partly Cloudy | Mostly Sunny | Mostly Sunny | Partly Cloudy | Partly Cloudy | PM Thunderstorms |
| Precip | 0 in | 0 in | 0 in | 0.01 in | 0 in | 0.08 in |

Cloud Cover (%)     Chance of Precip. (%)
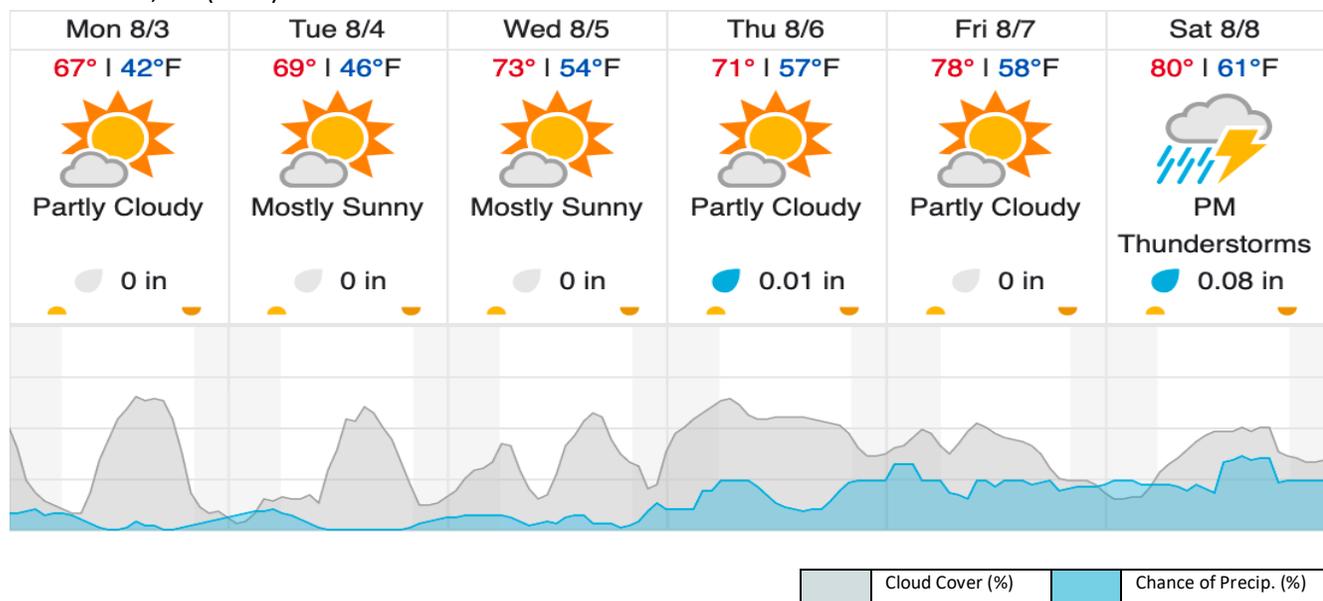
**Flight Collection Plan for 03 August 2020**

**Flyority 1**
Collection Area: Steigerwaldt Land Services (STEI) – Treehaven (TREE)
Flight Plan Name: D05_STEI_TREE_R1_P1_v3_Q780
On-station Time: 0940 L / 1440 UTC

**Flyority 2**
Collection Area: UNDERC (UNDE)
Flight Plan Name: D05_UNDE_C1_P1_v2_Q780
On-station Time: 0940 L / 1440 UTC

**Flyority 3**
Collection Area: Chequamegon-Nicolet National Forest (CHEQ)
Flight Plan Name: D05_CHEQ_R2_P1_v3_Q780
On-station Time: 0940 L / 1440 UTC

**Crew**: Mitch Haynes (Lidar), Cameron Chapman (NIS), Elissa Barris (Ground/GPS)