June 20, 2019 Payload 3 Daily Flight Report

Date: 2019-06-20
Flight Campaign ID: 2019_P3C1
Airport, FBO ID, City: Rhinelander-Oneida County Airport (KRHI) - Rhinelander, WI

Domain: 05
Sites Flown: None
Days left in Domain: 3

Report Author: Bridget Hass
Flight Crew: N/A
Ground/GPS: N/A
Pilots: Mike Francis, Jeff Quintanilla
Additional Personnel: None
GPS Instruments: N/A

Flight Hours: N/A
Hours until maintenance: 18.32

Summary
Cloudy conditions throughout the day prevented any flight attempt today.

Concerns
None

Comments
HK3 Coverage issues were resolved, Dave H. re-ran NIS coverage for all missions flown in D05, and confirmed it looks good, aside from some possible minor gaps. Thank you Dave!

Flight Screenshots
None

Pictures

GOES True-color image and photo of clouds over Wisconsin.
Cumulative Domain Coverage

**CHEQ**

|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|
| Flown: | 100% (17/17) |
| Green: | 0% (0/17) |
| Yellow: | 106% (18/17) |
| Red: | 0% (0/17) |

**STEI_TREE_P1**

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**Weather Forecast**

- **Park Falls, WI (CHEQ):**
  - Fri 6/21: 75°F | 51°F
  - Sat 6/22: 73°F | 57°F
  - Sun 6/23: 71°F | 56°F
  - Mon 6/24: 71°F | 54°F
  - Mostly Cloudy
  - PM Showers
  - Scattered Thunderstorms
  - 8 AM
  - 0 in
  - 0.12 in
  - 0.56 in
  - 0.68 in
  - Cloud Cover (%)
  - Chance of Precip. (%)

- **Rhineland, WI (STEI-TREE):**
  - Fri 6/21: 77°F | 51°F
  - Sat 6/22: 75°F | 58°F
  - Sun 6/23: 73°F | 60°F
  - Mon 6/24: 75°F | 57°F
  - Mostly Sunny
  - Mostly Cloudy
  - Scattered Thunderstorms
  - 0 in
  - 0.1 in
  - 0.44 in
  - 0.5 in
  - Cloud Cover (%)
  - Chance of Precip. (%)
Flight Collection Plan for 21 June 2019

Flyority 1
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 2
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 27-38,43-44 *If green conditions exist

Crew: Nick Marusich (Lidar), John Adler (NIS), Bridget Hass (Ground/GPS)