**Payload 1 Daily Flight Report**

**Date:** 2022-07-13  
**Flight Campaign ID:** P1C1  
**Airport, FBO ID, City:** Portland-Hillsborough Airport (KHIO) - Hillsboro, OR  
**Aircraft:** N331AR

**Domain:** 16 (Pacific Northwest)  
**Sites Flown:** ABBY (Abby Road), WREF_P1 (Wind River Experimental Forest Priority 1)  
**Days left in Domain:** 2

**Report Author:** Mike  
**Lidar Operators:** Mike  
**Flight Hours:** 00:00  
**Spectrometer Operators:** Mitch  
**Hours until maintenance:** 107.87  
**Pilots:** Jeremy, Vince  
**GPS Instruments:** None  
**Ground Crew:** None

**Summary**
A strip of cirrus stayed aimed at both remaining sites today. Forecast looks very good for tomorrow, so crew is hopeful for additional green collect conditions. No flights were conducted today.

**Concerns**
None

**Comments**
- The vacuum pump was shipped to Deadhorse today to that it is in place for the Otter’s arrival on Monday.  
- Abe departed D16 today. Thanks for the hard work Abe!

**Cumulative Domain Coverage**

**D16|ABBY (Abby Road)**

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Flown: 100% (44/44)  
Green: 100% (44/44)  
Yellow: 0% (0/44)  
Red: 0% (0/44)

**D16|MCRA (McRae Creek)**

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Flown: 0% (0/9)  
Green: 0% (0/9)  
Yellow: 0% (0/9)  
Red: 0% (0/9)

**D16|N16A (D16 Nominal Runway)**

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Flown: 100% (1/1)  
Green: 0% (0/1)  
Yellow: 0% (0/1)
D16|WREF_P1 (Wind River Experimental Forest Priority 1)

Flown: 68% (39/57)
Green: 68% (39/57)
Yellow: 0% (0/57)
Red: 0% (0/57)

D16|WREF_P2 (Wind River Experimental Forest Priority 2)

Flown: 52% (11/21)
Green: 0% (0/21)
Yellow: 33% (7/21)
Red: 19% (4/21)

Weather Forecast

Hillsboro, OR

Carson, WA (WREF)

McKenzie Bridge, OR (MCRA)

source: wunderground.com
Flight Collection Plan for July 14, 2022

Flyority 1
Collection Area: Wind River Experimental Forest (WREF) – Priority 1 Flight Box
Flight Plan Name: D16_WREF_C1_P1_P2_v3_PRM.xml
On-station Time: 1640 UTC / 0940 L

Flyority 2
Collection Area: McRae Creek (MCRA)
Flight Plan Name: D16_MCRA_A2_P1_v2_PRM.xml
On-station Time: 1640 UTC / 0940 L

Flyority 3
Collection Area: Wind River Experimental Forest (WREF) – Priority 2 Flight Box
Flight Plan Name: D16_WREF_C1_P1_P2_v3_PRM.xml
On-station Time: 1640 UTC / 0940 L

Crew: Mitch (Lidar), Mike (NIS)