Date: 2022-07-08
Flight Campaign ID: P1C1
Airport, FBO ID, City: Portland-Hillsborough Airport (KHIO) - Hillsboro, OR
Aircraft: N331AR

Domain: 16 (Pacific Northwest)
Sites Flown: None
Days left in Domain: 7

Report Author: Cameron
Lidar Operators: Cameron
Spectrometer Operators: Mike
Flight Hours: 00:00
Hours until maintenance: 121.25
Pilots: Nick, Robbie
Ground Crew: Abe

Summary
Morning clouds slowly began to dissipate in the early afternoon however the clouds began to build again preventing any chance of data collection.

Concerns
- It was determined that our GPU has a failed component inside. A replacement will be sent to D16. This issue doesn’t impact data collection.

Comments
- None

Daily Coverage

Estimated Cloud Cover Key

| Green: 0-10% | Yellow: 11-50% | Red: >50% |

Flight Screenshots: None

Pictures: None

Cumulative Domain Coverage

<table>
<thead>
<tr>
<th>D16</th>
<th>ABBY (Abby Road)</th>
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Flown: 0% (0/44)
Green: 0% (0/44)
Yellow: 0% (0/44)
Red: 0% (0/44)
D16|MCRA (McRae Creek)

1 2 3 4 5 6 7 8 9

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

D16|N16A (D16 Nominal Runway )

1

Flown: 0% (0/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 0% (0/1)

D16|WREF_P1 (Wind River Experimental Forest Priority 1 )

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 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57

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

D16|WREF_P2 (Wind River Experimental Forest Priority 2)

58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78

Flown: 0% (0/21)
Green: 0% (0/21)
Yellow: 0% (0/21)
Red: 0% (0/21)

Weather Forecast

Hillsboro, OR (FBO)
Flights Collection Plan for July 9, 2022

Flyority 1
Collection Area: Abby Road (ABBY)
Flight Plan Name: D16_ABBY_R2_P1_v2_PRM.xml
On-station Time: 1640 UTC / 0940 L

Flyority 2
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 3
Collection Area: McRae Creek (MCRA)
Flight Plan Name: D16_MCRA_A2_P1_v2_PRM.xml
On-station Time: 1640 UTC / 0940 L

source: wunderground.com
Flyority 4
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

Flyority 5
Collection Area: Nominal Runway – D16
Flight Plan Name: D16_N16A_Nominal_Runway_Test_v2_PRM.xml
On-station Time: N/A

Crew: Mike (Lidar), Abe (NIS)