Payload 1 Daily Flight Report

Date:  2021-07-21
Flight Campaign ID:  P1C2
Airport, FBO ID, City:  Portland-Hillsborough Airport (KHIO) - Hillsboro, OR
Aircraft:  N331AR

Domain:  16 (Pacific Northwest)
Sites Flown:  None
Days left in Domain:  6

Report Author:  Mitch Haynes
Lidar Operators:  Mitch Haynes
Spectrometer Operators:  Abe Morrison
Pilots:  Justin Eddington, Nick Koukoutsakis
Flight Hours:  00:00
Hours until maintenance:  92.82
GPS Instruments:  NA

Summary
Similar weather pattern as yesterday where a large overcast marine layer of clouds settled in from off shore overnight and was expected to move out by mid-day. However, a large amount of cloudiness stuck around well into the afternoon, prevented any attempt at a clear sky collect. No flights were attempted.

Concerns
None

Comments
None

Cumulative Domain Coverage

D16|ABBY (Abby Road )

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Flown:  30% (13/44)
Green:  30% (13/44)
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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</table>
Flown:  0% (0/1)
Green:  0% (0/1)
Yellow:  0% (0/1)
Red:  0% (0/1)
**Flight Collection Plan for July 22 2021**

**Flyority 1**

**Collection Area:** Abby Road (ABBY)

### Weather Forecast

**Carson, WA**

<table>
<thead>
<tr>
<th>Thu 7/22</th>
<th>Fri 7/23</th>
<th>Sat 7/24</th>
<th>Sun 7/25</th>
<th>Mon 7/26</th>
<th>Tue 7/27</th>
<th>Wed 7/28</th>
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</thead>
<tbody>
<tr>
<td>80°F</td>
<td>54°F</td>
<td>85°F</td>
<td>58°F</td>
<td>91°F</td>
<td>60°F</td>
<td>89°F</td>
</tr>
<tr>
<td>Sunny</td>
<td>Sunny</td>
<td>Sunny</td>
<td>Sunny</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Mostly Sunny</td>
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</table>

**McKenzie Bridge, OR**

<table>
<thead>
<tr>
<th>Thu 7/22</th>
<th>Fri 7/23</th>
<th>Sat 7/24</th>
<th>Sun 7/25</th>
<th>Mon 7/26</th>
<th>Tue 7/27</th>
<th>Wed 7/28</th>
</tr>
</thead>
<tbody>
<tr>
<td>81°F</td>
<td>52°F</td>
<td>88°F</td>
<td>56°F</td>
<td>92°F</td>
<td>58°F</td>
<td>89°F</td>
</tr>
<tr>
<td>Sunny</td>
<td>Sunny</td>
<td>Sunny</td>
<td>Sunny</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
</tr>
</tbody>
</table>

source: wunderground.com
Flight Plan Name: D16_ABBY_R1_P1_v2_PRM.xml
On-Station Time: 1650 UTC/ 0950 L

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

Crew: Abe, Mitch