Payload 3 Daily Flight Report

Date: 2022-05-03
Flight Campaign ID: P3C1
Airport, FBO ID, City: Salt Lake City International Airport (KSLC) - Salt Lake City, UT
Aircraft: N70AR

Domain: 15 (Great Basin)
Sites Flown: None
Days left in Domain: 8

Report Author: Cameron
Lidar Operators: Cameron
Spectrometer Operators: Abe
Pilots: Jeremy, Nick

Flight Campaign ID: P3C1
Flight Hours: 00:00
Hours until maintenance: 102.57

Summary
A wintery mix of rain and snow moved through the area today proceeded by intermittent rain showers and low clouds which lingered through the day. No flights were conducted.

Concerns
A thunderstorm passed through the area last night causing the payload to momentarily lose power. Luckily the power interruption was brief and the UPS batteries did their job!

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>D15</th>
<th>MOAB (Moab)</th>
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<tbody>
<tr>
<td>1</td>
<td>2</td>
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<td>21</td>
<td>22</td>
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Flown: 100% (29/29)
Green: 100% (29/29)
Yellow: 0% (0/29)
Red: 0% (0/29)
D15 | ONAQ (Onaqui)

Flown: 0% (0/42)
Green: 0% (0/42)
Yellow: 0% (0/42)
Red: 0% (0/42)

D15 | REDB (Red Butte)

Flown: 0% (0/19)
Green: 0% (0/19)
Yellow: 0% (0/19)
Red: 0% (0/19)

Weather Forecast
Salt Lake City, UT

source: wunderground.com

Flight Collection Plan for 4 May 2022

Flyority 1
Collection Area: Onaqui (ONAQ)
Flight Plan Name: D15_ONAQ_C1_P1_v3_Q780
On-station Time: 1620 UTC / 1020 L

Flyority 2
Collection Area: Red Butte (REDB)
Flight Plan Name: D15_REDB_A1_P1_v2_Q780
On-station Time: 1610 UTC / 1010 L

Flight Crew:
Abe (Lidar), Cameron (NIS)