Payload 3 Daily Flight Report

Date: 2021-05-19
Flight Campaign ID: P3C1
Airport, FBO ID, City: Salt Lake City International Airport (KSLC) - Salt Lake City, UT
Aircraft: N615AR

Domain: 15 (Great Basin)
Sites Flown: ONAQ (Onaqui)
Days left in Domain: 4

Report Author: John Adler
Lidar Operators: John Adler
Flight Hours: 02:46
Spectrometer Operators: Mitch Haynes
Hours until maintenance: 29.42
Pilots: Stephen Brawders, Vince Maarschalkerweerd
GPS Instruments: C-ZLC1, U-P016

Summary: We were able to complete all missing flight lines for ONAQ today before the weather turned bad.

Concerns: None

Comments: The stand-alone MiFi system has again been helpful, as the hotel internet service is patchy.

Daily Coverage

Estimated Cloud Cover Key
Green: 0-10%  Yellow: 11-50%  Red: >50%

D15|ONAQ

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Total number of lines flown: 15
**Flight Screenshots**

**Cumulative Domain Coverage**

D15|ONAQ (Onaqui)

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Flown: 100% (42/42)
Green: 76% (32/42)
Yellow: 14% (6/42)
Red: 10% (4/42)

D15|REDB (Red Butte)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|

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

**Weather Forecast**

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<tr>
<td>73°</td>
<td>50°F</td>
<td>68°</td>
<td>44°F</td>
<td>66°</td>
<td>47°F</td>
<td>59°</td>
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Mostly Sunny
Partly Cloudy
Mostly Sunny
Thunderstorms
Partly Cloudy
Mostly Sunny
Partly Cloudy

Source: wunderground.com
Flight Collection Plan for 20 May 2021

Flyority 1
Collection Area: Onaqui (ONAQ) yellow/red lines to be redone.
Flight Plan Name: D15_ONAQ_C1_P1_v3_Q780
On-station Time: 1600 UTC / 1000 L

Flyority 2
Collection Area: Red Butte (REDB)
Flight Plan Name: D15_REDB_A1_P1_v2_Q780
On-station Time: 1550 UTC / 0950 L

Flight Crew: John, Mitch