Date: 2021-05-12
Flight Campaign ID: P3C1
Airport, FBO ID, City: Topeka Regional Airport (KFOE) – Topeka, KS, Garden City Regional Airport (KGCK) – Garden City, KS, Boulder Municipal Airport (KBDU) - Boulder, CO, Southwest Wyoming Regional Airport (KRKS) – Rock Springs, WY, Salt Lake City International Airport (KSLC) – Salt Lake City, UT
Aircraft: N615AR

Domain: 15 (Great Basin)
Sites Flown: Transit
Days left in Domain: 11

Report Author: Mitch Haynes
Lidar Operators: Mitch Haynes, Cameron Chapman  
Flight Hours: 01:43, 02:03, 01:42, 01:07
Spectrometer Operators: Hours until maintenance: 37.68
Pilots: Stephen Brawders, Vince Maarschalkerweerd
Ground Crew: Matt DeVoe, John Adler

Summary
After being delayed in Topeka, KS for a day due to inclement weather, the Twin Otter was finally able to complete the transit to Salt Lake City from D08 in preparation of D15 survey flights. A crew swap occurred in Boulder where Cam Chapman swapped out and was replaced by Mitch Haynes for the remainder of the transit.

Concerns
• One day of missed potential collections due to poor weather during previous transit.

Comments
• Cameron Chapman finished up his deployment today. Thanks for the hard work in D08 and getting back to Boulder, Cam!

Pictures Below: Views of the Green River in southwestern Wyoming
Above: Arrival into Salt Lake City

**Cumulative Domain Coverage**

**D15|ONAQ (Onaqui)**

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

**D15|REDB (Red Butte)**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | |
| 41 | 42 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | |

- Flown: 0% (0/19)
- Green: 0% (0/19)
- Yellow: 0% (0/19)
- Red: 0% (0/19)
Weather Forecast
Salt Lake City, UT

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<tr>
<th>Thu 5/13</th>
<th>Fri 5/14</th>
<th>Sat 5/15</th>
<th>Sun 5/16</th>
<th>Mon 5/17</th>
<th>Tue 5/18</th>
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<tr>
<td>81°</td>
<td>57°F</td>
<td>82°</td>
<td>58°F</td>
<td>79°</td>
<td>54°F</td>
<td>76°</td>
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- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
- Isolated Thunderstorms
- 0.05 in

Flight Collection Plan for 13 May 2021

Flyority 1
Collection Area: Onaqui (ONAQ)
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: 1600 UTC / 1000 L

Flight Crew: John, Mitch