August 21, 2019 Payload 3 Daily Flight Report

Date: 2019-08-21
Flight Campaign ID: 2019_P3C1
Airport, FBO ID, City: Grand Junction Regional Airport - Grand Junction, CO

Domain: 13
Sites Flown: None
Days left in Domain: 5

Report Author: Elissa Barris
Flight Crew: Elissa Barris, Matt Devoe
Ground/GPS: None
Pilots: Chad Evans, Shelby Schulz
Additional Personnel: None
GPS Instruments: None

Flight Hours: 03:40
Hours until maintenance: 49.13

Summary
Yellow cloud conditions over NIWO this morning gradually worsened to red. No flights were attempted.

Concerns - None

Comments
Elissa Barris rotating out to D01 Northeast. Nick Marusich rotating in.

Flight Screenshots - None

Pictures - None

Daily Coverage - None

Cumulative Domain Coverage

MOAB

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Flown: 100% (29/29)
Green: 79% (23/29)
Yellow: 55% (16/29)
Red: 0% (0/29)

NIWO

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Flown: 79% (41/52)
Green: 54% (28/52)
Yellow: 33% (17/52)
Red: 0% (0/52)
Weather Forecast

Nederland, CO (NIWO)

<table>
<thead>
<tr>
<th></th>
<th>Thu 8/22</th>
<th>Fri 8/23</th>
<th>Sat 8/24</th>
<th>Sun 8/25</th>
<th>Mon 8/26</th>
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<tbody>
<tr>
<td>Temp</td>
<td>75°</td>
<td>53° F</td>
<td>75°</td>
<td>53° F</td>
<td>78°</td>
<td>54° F</td>
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<tr>
<td>Cloud</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Mostly Sunny</td>
<td>Sunny</td>
<td>Mostly Sunny</td>
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<td>Prec</td>
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Moab, UT (MOAB)

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<th>Mon 8/26</th>
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</thead>
<tbody>
<tr>
<td>Temp</td>
<td>100°</td>
<td>66° F</td>
<td>99°</td>
<td>66° F</td>
<td>100°</td>
<td>67° F</td>
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<tr>
<td>Cloud</td>
<td>Mostly Cloudy</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
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Flight Collection Plan for 22 August 2019

Crew: Matt DeVoe (Lidar), Nick Marusich (NIS/Ground)

Flyority 1
Collection Area: Niwot Ridge Mountain Research Station (NIWO)
Flight Plan Name: D13_NIWO_C1_P1_v5_Q780
On-Station Time: 1600 – 2220 UTC / 1000 – 1620 L

Flyority 2
Collection Area: Moab (MOAB)
Flight Plan Name: D13_MOAB_R1_P1_v3_Q780
On-Station Time: 1610 – 2240 UTC / 1010 – 1640 L

Flyority 3
Collection Area: Sterling Agricultural Site (STER)
Flight Plan Name: D10_STER_R1_P1_v3_Q780
On-Station Time: 1550 – 2210 UTC / 0950 – 1610 L