August 3, 2019 Payload 3 Daily Flight Report

Date: 2019-08-03
Flight Campaign ID: 2019_P3C1
Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO

Domain: 13
Sites Flown: None
Days left in Domain: 23

Report Author: Mitch Haynes
Flight Crew: Mitch Haynes, Ivana Vu
Flight Hours: 00:00
Ground/GPS: Hours until maintenance: 69.18
Pilots: Dylan Malfatti, Paul Nunemann
Additional Personnel:
GPS Instruments: 01 - FBO_KBDU, 03 - NIWO

Summary
Clear skies before sun angle this morning had the P3 crew towing out in preparation for a flight over NIWO. However quickly building cumulus clouds over the Front Range thwarted plans before engines could even be started. Once flights were cancelled, Ivana Vu led youngsters from the EAA Chapter 1627 Young Eagles Rally on tours of the Twin Otter aircraft and AOP.

Concerns
None

Comments
Hotel Kit 3 is now set up, online, and available at the Boulder PIF.

Cumulative Domain Coverage

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<tr>
<th>MOAB</th>
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Flown: 0% (0/29)
Green: 0% (0/29)
Yellow: 0% (0/29)
Red: 0% (0/29)

<table>
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<tr>
<th>NIWO</th>
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</table>
Flown: 0% (0/52)
Green: 0% (0/52)
Yellow: 0% (0/52)
Red: 0% (0/52)
Pictures: Ivana Vu teaching kids from the EEA Young Eagles Rally about aviation and its role in the NEON Project.
**Weather Forecast**

**Nederland, CO**

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<tr>
<th>Sun 8/4</th>
<th>Mon 8/5</th>
<th>Tue 8/6</th>
<th>Wed 8/7</th>
<th>Thu 8/8</th>
<th>Fri 8/9</th>
<th>Sat 8/10</th>
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<tbody>
<tr>
<td>74°</td>
<td>55° F</td>
<td>74°</td>
<td>54° F</td>
<td>76°</td>
<td>56° F</td>
<td>76°</td>
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<tr>
<td>Isolated Thunderstorms</td>
<td>0.04 in</td>
<td>PM Thunderstorms</td>
<td>0.22 in</td>
<td>PM Thunderstorms</td>
<td>0.08 in</td>
<td>PM Thunderstorms</td>
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**Moab, UT**

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<tr>
<th>Sun 8/4</th>
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<th>Tue 8/6</th>
<th>Wed 8/7</th>
<th>Thu 8/8</th>
<th>Fri 8/9</th>
<th>Sat 8/10</th>
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<tr>
<td>97°</td>
<td>71° F</td>
<td>100°</td>
<td>72° F</td>
<td>102°</td>
<td>76° F</td>
<td>97°</td>
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<tr>
<td>Mostly Cloudy</td>
<td>0 in</td>
<td>Mostly Sunny</td>
<td>0 in</td>
<td>Partly Cloudy</td>
<td>0 in</td>
<td>Partly Cloudy</td>
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**Flight Collection Plan for 04 August 2019**

**Flyority 1**
Collection Area: Niwot Ridge Mountain Research Station (NIWO)
Flight Plan Name: D13_NIWO_C1_P1_v5_Q780
On-Station Time: 1540 – 2230 UTC / 0940 – 1630 L

**Flyority 2**
Collection Area: Moab (MOAB)
Flight Plan Name: D13_MOAB_R1_P1_v3_Q780
On-Station Time: 1550 – 2240 UTC / 0950 – 1640 L

**Crew:** Ivana Vu (Lidar), Mitch Haynes (NIS/GPS)

**Flight Collection Plan for 05 August 2019**

**Flyority:** Same as previous day

**Crew:** Mitch Haynes (Lidar), Ivana Vu (NIS/GPS)