July 11, 2019 Payload 1 Daily Flight Report

Date: 2019-07-11
Flight Campaign ID: 2019_P1C1
Airport, FBO ID, City: Forbes Field, KFOE, Topeka, Kansas

Domain: 06
Sites Flown: None
Days left in Domain: 6

Report Author: Abe Morrison
Flight Crew: Abe Morrison
Ground/GPS: Nick Marusich
Pilots: Chad Evans, David Little
Additional Personnel: 
GPS Instruments: None

Flight Hours: 1:26, 2:09
Hours until maintenance: 110.32

Summary
The crew transited the plane today from the warm confines of the Boulder HQ hangar to the wide expanses of Kansas today, to begin additional collection flights in D06. It was a fairly uneventful flight in warm clear skies. The forecast for the next few days is very promising for good collections.

Concerns
• Issues with waveform extraction appear to be resolved. Backlog of re-extraction will carry over into D06.
• Docgen.exe does not generate daily reports.

Comments
None

Pictures

Very flat farm lands over Idalia CO near the CO/KS state line.
Pilots David Little and Chad Evans navigate the friendly skies on the way to Topeka KS.

Cumulative Domain Coverage

<table>
<thead>
<tr>
<th>KONZ_KONA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>21</td>
</tr>
</tbody>
</table>

Flown: 0% (0/38)
Green: 0% (0/38)
Yellow: 0% (0/38)
Red: 0% (0/38)

Weather

**Topeka KS**

<table>
<thead>
<tr>
<th>Fri 7/12</th>
<th>Sat 7/13</th>
<th>Sun 7/14</th>
<th>Mon 7/15</th>
<th>Tue 7/16</th>
<th>Wed 7/17</th>
<th>Thu 7/18</th>
</tr>
</thead>
<tbody>
<tr>
<td>90°</td>
<td>86° F</td>
<td>Sunny</td>
<td>92°</td>
<td>69° F</td>
<td>Sunny</td>
<td>94°</td>
</tr>
<tr>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0,15 in</td>
<td>0 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

**Manhattan KS**

<table>
<thead>
<tr>
<th>Fri 7/12</th>
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<th>Mon 7/15</th>
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<th>Wed 7/17</th>
<th>Thu 7/18</th>
</tr>
</thead>
<tbody>
<tr>
<td>91°</td>
<td>68° F</td>
<td>Sunny</td>
<td>92°</td>
<td>68° F</td>
<td>Sunny</td>
<td>95°</td>
</tr>
<tr>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0 in</td>
<td>0,09 in</td>
<td>0 in</td>
</tr>
</tbody>
</table>

Cloud Cover (%) | Chance of Precip. (%)
Flight Collection Plan for 12 July 2019
Flyority 1
Collection Area: Konza Prairie Biological Station (KONZ) – Konza Agricultural Site (KONA)
Flight Plan Name: D06_KONZ_KONA_C1_P1_v3
On-station Time: 1450 – 2210Z / 9:50-5:10 L

Crew: Nick Marusich (lidar), Abe Morrison (NIS)