Payload 1 Daily Flight Report

Date: 2022-06-03  
Flight Campaign ID: P1C1  
Airport, FBO ID, City: Winchester Regional Airport (KOKV) - Winchester, VA, Butler County Regional/Hogan Field (KHAO) - Hamilton, OH, Spirit of St Louis Airport (KSUS) - Chesterfield, MO  
Aircraft: N331AR

Domain: 06 (Prairie Peninsula)  
Sites Flown: Transit  
Days left in Domain: 13

Report Author: Abe  
Lidar Operators: Abe  
Flight Hours: 02:20:00, 02:26:00, 01:55:00  
Spectrometer Operators:  
Hours until maintenance: 65.13  
Pilots: Magnus, Paul  
Ground Crew: Mitch

Summary  
The crew started the domain transit day early in Winchester VA. As the sun came up, the otter was readied and launched on a 3 leg journey to the great state of Kansas. Fuel stops in Hamilton OH, and St Louis MO lead the crew on a long day with a final arrival in Topeka KS. The very smooth arrival at Forbes Field meant that we were ready for collections in domain 6.

Concerns  
None

Comments  
-Two pilot swaps will occur in the next 2 days.

Cumulative Domain Coverage

D06|KONZ_KONA (Konza Prairie Biological Station and Relocatable Agricultural Site)  
| 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 |

Flown: 0% (0/35)  
Green: 0% (0/35)  
Yellow: 0% (0/35)  
Red: 0% (0/35)

D06|MCDI (McDiffett Creek)  
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

Flown: 0% (0/19)  
Green: 0% (0/19)  
Yellow: 0% (0/19)  
Red: 0% (0/19)
D06|N06A (D06 Nominal Runway)

Flown: 0% (0/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 0% (0/1)

D06|UKFS (University of Kansas Field Station)

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22| 23| 24| 25| 26|

Flown: 0% (0/25)
Green: 0% (0/25)
Yellow: 0% (0/25)
Red: 0% (0/25)

Weather Forecast

Manhattan, KS

概率预报

<table>
<thead>
<tr>
<th>日期</th>
<th>天气</th>
<th>降水量 (英寸)</th>
</tr>
</thead>
<tbody>
<tr>
<td>六月四日</td>
<td>PM thunderstorms</td>
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<tr>
<td>六月五日</td>
<td>Isolated thunderstorms</td>
<td>0.52</td>
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<tr>
<td>六月六日</td>
<td>Partly cloudy</td>
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<tr>
<td>六月七日</td>
<td>AM showers</td>
<td>0.29</td>
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<tr>
<td>六月八日</td>
<td>AM clouds/PM sun</td>
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<tr>
<td>六月九日</td>
<td>Partly cloudy</td>
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<tr>
<td>六月十日</td>
<td>AM thunderstorms</td>
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Lawrence, KS

<table>
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<tbody>
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<tr>
<td>六月十日</td>
<td>AM thunderstorms</td>
<td>0.12</td>
</tr>
</tbody>
</table>

来源: wunderground.com
Flight Collection Plan for 4 June 2022

Flyority 1
Collection Area: Konza Prairie Biological Station (KONZ) – Konza Agricultural Site (KONA)
Flight Plan Name: D06_KONZ_KONA_C1_P1_v4_PRM.xml
On-station Time: 1450 UTC / 0950 L

Flyority 2
Collection Area: University of Kansas Field Station (UKFS)
Flight Plan Name: D06_UKFS_R1_P1_v3_PRM.xml
On-station Time: 1440 UTC / 0940 L

Flyority 3
Collection Area: McDuffett Creek (MCDI)
Flight Plan Name: D06_MCDI_C1_P2_v3_PRM.xml
On-station Time: 1450 UTC / 0950 L

Flight Crew:
Mitch (Lidar), Abe (NIS)