Payload 1 Daily Flight Report

Date: 2022-06-06
Flight Campaign ID: P1C1
Airport, FBO ID, City: Topeka Regional Airport (KFOE) - Topeka, KS
Aircraft: N331AR

Domain: 06 (Prairie Peninsula)
Sites Flown: None
Days left in Domain: 10

Report Author: Mitch
Lidar Operators: Mitch  Flight Hours: 00:00
Spectrometer Operators: Abe  Hours until maintenance: 65.13
Pilots: Justin, Magnus

Summary
Thunderstorms ravaged the region overnight and into this morning, leaving behind straggling bands of clouds and a lot of dropped moisture. We thought we might have a brief window once the frontal system passed through late morning, but the sky was quickly filled with cumulus clouds from all the convection occurring, No flights occurred.

Concerns
None

Comments
RAID 2022_P1C1_03 was re-shipped to the Denver Data Center
Pilot Magnus rotates out today and will be replaced by Jeremy

Cumulative Domain Coverage
D06|KONZ_KONA (Konza Prairie Biological Station and Relocatable Agricultural Site)

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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)

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Flown: 0% (0/1)
Green: 0% (0/1)
Yellow: 0% (0/1)
Red: 0% (0/1)
D06 UKFS (University of Kansas Field Station)

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

**Weather Forecast**
Manhattan, KS

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<tbody>
<tr>
<td>84°F / 64°F</td>
<td>81°F / 57°F</td>
<td>80°F / 62°F</td>
<td>78°F / 57°F</td>
<td>78°F / 61°F</td>
<td>86°F / 72°F</td>
<td>93°F / 76°F</td>
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<tr>
<td>AM Clouds/PM</td>
<td>AM Clouds/PM</td>
<td>PM Thunderstorms</td>
<td>PM</td>
<td>PM</td>
<td>PM</td>
<td>PM</td>
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<tr>
<td>Sun 0.53 in</td>
<td>Sun 0 in</td>
<td>0.36 in</td>
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Lawrence, KS

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<td>81°F / 57°F</td>
<td>81°F / 63°F</td>
<td>77°F / 57°F</td>
<td>79°F / 60°F</td>
<td>84°F / 69°F</td>
<td>91°F / 76°F</td>
</tr>
<tr>
<td>AM Clouds/PM</td>
<td>AM Thunderstorms</td>
<td>Partly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Mostly Sunny</td>
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<tr>
<td>Sun 0.45 in</td>
<td>0.07 in</td>
<td>0.35 in</td>
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**Flight Collection Plan for 7 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: McDiffett Creek (MCDI)
Flight Plan Name: D06_MCDI_C1_P2_v3_PRM.xml
On-station Time: 1450 UTC / 0950 L

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