Payload 1 Daily Flight Report

Date: 2021-09-30
Flight Campaign ID: P1C2
Airport, FBO ID, City: Ocala International Airport (KOCF) - Ocala, FL
Aircraft: N331AR

Domain: 03 (Southeast)
Sites Flown: None
Days left in Domain: 4

Report Author: Elissa Barris
Lidar Operators: Elissa Barris
Flight Hours: 00:00
Spectrometer Operators: Cameron Chapman
Hours until maintenance: 18.72
Pilots: Justin Eddington, Nick Koukoutsakis

Summary
Briefly clear skies at one site this morning failed to last into the beginning of our solar angle, and no flights were attempted.

Concerns
None.

Comments
- Extraction and QA of our last flight completed successfully after more troubleshooting by HQ.
- Routine maintenance scheduled by Twin Otter was conducted today since we were unable to fly.

Cumulative Domain Coverage
Estimated Cloud Cover Key

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<th>Green: 0-10%</th>
<th>Yellow: 11-50%</th>
<th>Red: &gt;50%</th>
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D03|DSNY (Disney Wilderness Preserve)

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| Flown: 100% (36/36)
Green: 0% (0/36)
Yellow: 25% (9/36)
Red: 75% (27/36)

D03|JERC_P1 (Jones Ecological Research Center Priority 1)

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| Flown: 100% (26/26)
Green: 100% (26/26)
Yellow: 0% (0/26)
Red: 0% (0/26)
D03|JERC_P2 (Jones Ecological Research Center Priority 2)

Flown: 96% (24/25)
Green: 0% (0/25)
Yellow: 0% (0/25)
Red: 96% (24/25)

D03|N03B (D03 Nominal Runway South)

Flown: 100% (2/2)
Green: 0% (0/2)
Yellow: 0% (0/2)
Red: 100% (2/2)

D03|OSBS_P1 (Ordway-Swisher Biological Station Priority 1)

Flown: 100% (27/27)
Green: 7% (2/27)
Yellow: 4% (1/27)
Red: 89% (24/27)

D03|OSBS_P2 (Ordway-Swisher Biological Station Priority 2)

Flown: 100% (16/16)
Green: 0% (0/16)
Yellow: 0% (0/16)
Red: 100% (16/16)

Weather Forecast

Gainesville, FL (OSBS)
Flight Collection Plan for 1 October 2021

Flyority 1 – Only if Green
Collection Area: Ordway-Swisher Biological Station (OSBS) P1
Flight Plan Name: D03_OSBS_C1_P1_P2_v3_PRM.xml
On-Station Time: 1440 UTC / 1040 L

Flyority 2 - Only if Green
Collection Area: Disney Wilderness Preserve (DSNY)
Flight Plan Name: D03_DSNY_R1_P1_v3_PRM.xml
On-Station Time: 1430 UTC/ 1030 L

Flyority 3 – Only if Green
Collection Area: Ordway-Swisher Biological Station (OSBS) P2
Flight Plan Name: D03_OSBS_C1_P1_P2_v3_PRM.xml
On-Station Time: 1440 UTC/ 1040 L

Flyority 4 – Only if Green
Collection Area: Jones Ecological Research Center (JERC) P2
Flight Plan Name: D03_JERC_R2_P1_P2_v4_PRM.xml
On-Station Time: 1440 UTC/ 1040 L

Crew: Elissa, Cam