Payload 3 Daily Flight Report

Date: 2020-08-03
Flight Campaign ID: P3C1
Airport, FBO ID, City: Rhinelander-Oneida County Aiport (KRHI) - Rhinelander, WI

Domain: 05 (Great Lakes)
Sites Flown: None
Days left in Domain: 15

Report Author: Mitch Haynes
Lidar Operators: Mitch Haynes   **Flight Hours**: 00:00
Spectrometer Operators: Cameron Chapman   **Hours until maintenance**: 52.78
Pilots: Micah Hoogeveen, Lane Taylor
Ground Crew: Elissa Barris

Summary

Clouds continued their crusade again NEON flight operations in D05 as crews woke to a low stratocumulus layer over Wisconsin this morning, which eventually gave way to a slightly higher solid overcast cumulus layer in the afternoon. No flights were attempted.

Concerns

None

Comments

- Thanks to Alok, Andrew, and Tristan for over the weekend QA troubleshooting of last Friday's flight.
- RAID 2020_P3C1_05 was shipped back to the Denver Data Center.

Cumulative Domain Coverage

D05|CHEQ (Chequamegon-Nicolet National Forest)

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

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

D05|LIRO (Little Rock Lake)

2	3	4	5	6	7	8

Flown: 0% (0/7)
Green: 0% (0/7)
Yellow: 0% (0/7)
Red: 0% (0/7)

D05|STEI_TREE_P1 (Steigerwaldt Land Services and Treehaven Priority 1)

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

Flown: 56% (14/25)
Green: 56% (14/25)
Yellow: 0% (0/25)
Red: 0% (0/25)

D05|STEI_TREE_P2 (Steigerwaldt Land Services and Treehaven Priority 2)

27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44

Flown: 0% (0/18)
Green: 0% (0/18)
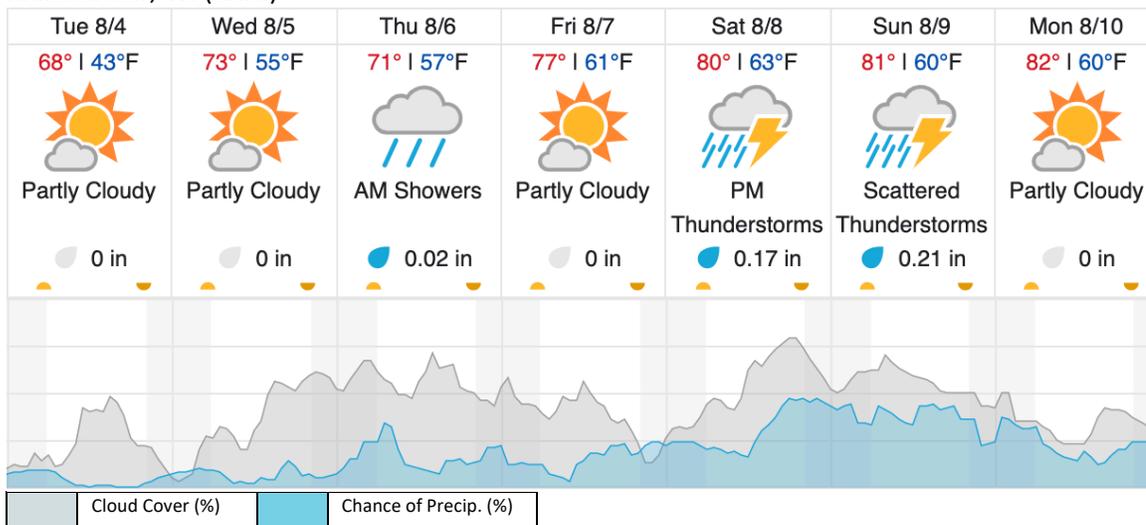Yellow: 0% (0/18)
Red: 0% (0/18)

D05|UNDE (University of Notre Dame Environmental Research Center)

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	27	28	29												

Flown: 0% (0/28)
Green: 0% (0/28)
Yellow: 0% (0/28)
Red: 0% (0/28)

Weather Forecast
Rhinelander, WI (KRHI)

	Tue 8/4	Wed 8/5	Thu 8/6	Fri 8/7	Sat 8/8	Sun 8/9	Mon 8/10
High/Low	68°	43°F	73°	55°F	71°	57°F	77°	61°F	80°	63°F	81°	60°F	82°	60°F
Condition	Partly Cloudy	Partly Cloudy	AM Showers	Partly Cloudy	PM Thunderstorms	Scattered Thunderstorms	Partly Cloudy
Precip	0 in	0 in	0.02 in	0 in	0.17 in	0.21 in	0 in

Cloud Cover (%)   Chance of Precip. (%)

Flight Collection Plan for 04 August 2020
Flyority 1
Collection Area: Steigerwaldt Land Services (STEI) – Treehaven (TREE)
Flight Plan Name: D05_STEI_TREE_R1_P1_v3_Q780
On-station Time: 0940 L / 1440 UTC

Flyority 2
Collection Area: UNDERC (UNDE)
Flight Plan Name: D05_UNDE_C1_P1_v2_Q780
On-station Time: 0940 L / 1440 UTC

Flyority 3
Collection Area: Chequamegon-Nicolet National Forest (CHEQ)
Flight Plan Name: D05_CHEQ_R2_P1_v3_Q780
On-station Time: 0940 L / 1440 UTC

Crew: Cameron Chapman (Lidar), Elissa Barris (NIS), Mitch Haynes (Ground/GPS)