



Payload 3 Daily Flight Report



Date: 2020-07-27

Flight Campaign ID: P3C1

Airport, FBO ID, City: Rhinelander-Oneida County Aiport (KRHI) - Rhinelander, WI

Domain: 05 (Great Lakes)

Sites Flown: STEI_TREE_P1 (Steigerwaldt Land Services and Treehaven Priority 1)

Days left in Domain: 22

Report Author: Mitch Haynes

Lidar Operators: Mitch Haynes

Flight Hours: 00:32

Spectrometer Operators: Cameron Chapman

Hours until maintenance: 56.05

Pilots: Micah Hooegeveen, Lane Taylor

GPS Instruments: WISCORS-RHER

Ground Crew: Elissa Barris

Summary

Initially clear skies this morning over northern Wisconsin allowed the crew to get airborne for the first time in D05. However quickly building cumulus clouds forming at flight altitude forced collections to be ceased before a single line could be completed. The flight crew remains hopefully that collects of the extended forecast with a surface high pressure system moving towards the Great Lakes promising much drier conditions.

Concerns

- Pilot display froze twice during air test and initial approach to the first line, requiring power cycling of the display both times.

Comments

- None

Daily Coverage

None

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
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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
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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	
22	23	24	25	26																

Flown: 0% (0/25)

Green: 0% (0/25)

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
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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)

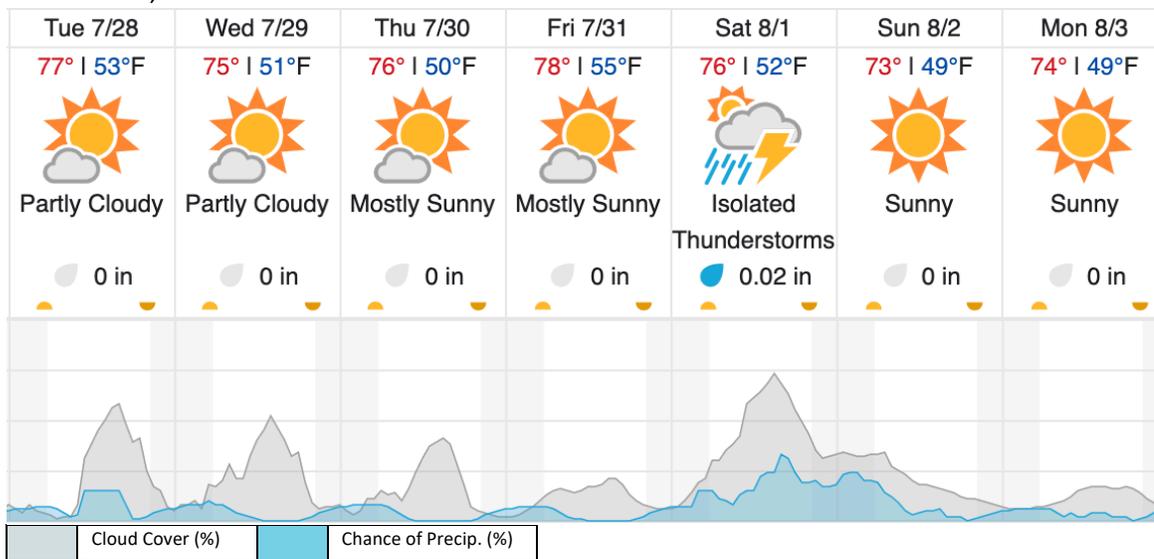
Green: 0% (0/28)

Yellow: 0% (0/28)

Red: 0% (0/28)

Weather Forecast

Rhineland, WI



Flight Collection Plan for 28 July 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)