



Payload 3 Daily Flight Report



Date: 2022-06-15

Flight Campaign ID: P3C1

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

Aircraft: N70AR

Domain: 05 (Great Lakes)

Sites Flown: None

Days left in Domain: 16

Report Author: Elissa

Lidar Operators: Elissa

Flight Hours: 00:00

Spectrometer Operators: John **Hours until maintenance:** 56.52

Pilots: Nick, Brent

Summary

A cloudy morning gave way to afternoon thunderstorms, preventing flights today. This appears to be a fast-moving front that will hopefully leave decent collection weather in its wake for the next couple of days.

Concerns

None.

Comments

- After some troubleshooting, QA tasks are complete for the first STEI-TREE flight.
- We coordinated with domain staff to plan tours for this Thursday and Friday post-flights.

Cumulative Domain Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

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: 8% (2/25)
 Green: 8% (2/25)
 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: 100% (18/18)
 Green: 0% (0/18)
 Yellow: 17% (3/18)
 Red: 83% (15/18)

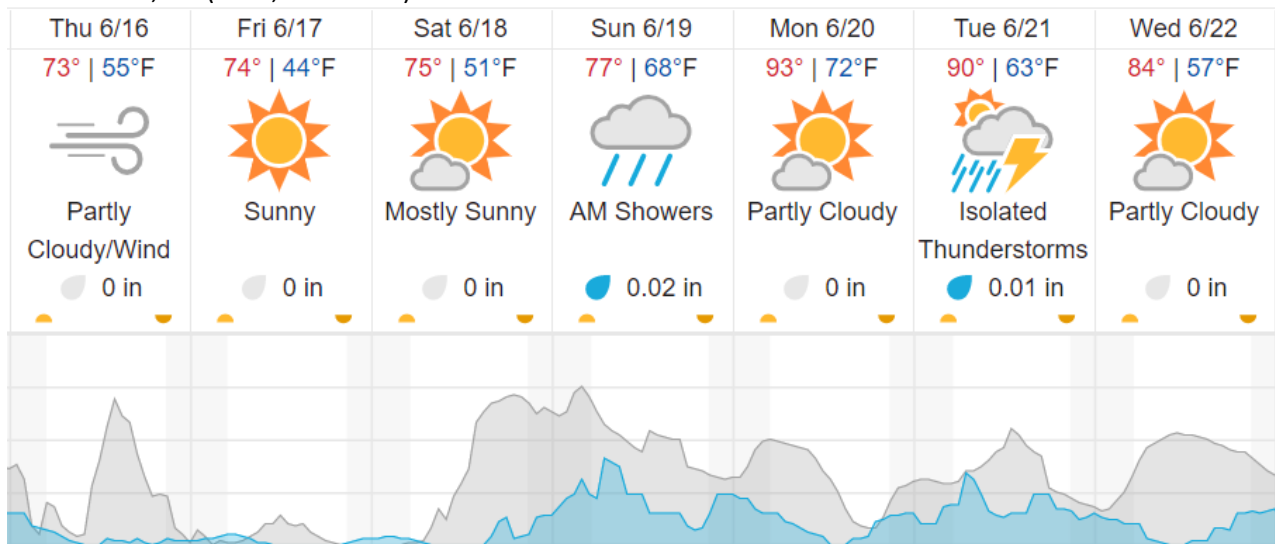
D05 | UNDE (University of Notre Dame Environmental Research Center)

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												

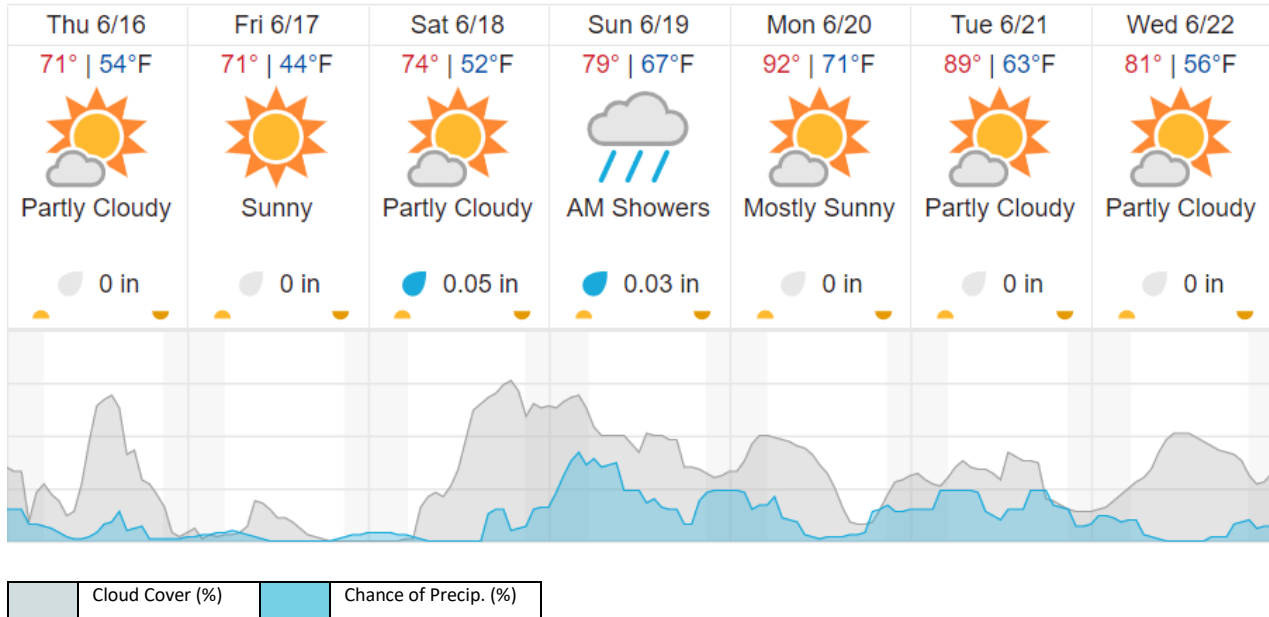
Flown: 0% (0/28)
 Green: 0% (0/28)
 Yellow: 0% (0/28)
 Red: 0% (0/28)

Weather Forecast

Rhineland, WI (KRHI, STEI-TREE)



Boulder Junction, WI (UNDE)



source: wunderground.com

Flight Collection Plan for 16 June 2022

Flyority 1:

Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE) – Priority 1 Flight Box
 Flight plan name: D5_STEI_TREE_R1_P1_v3_Q780
 On-Station Time: 1420 UTC / 0920 L

Flyority 2:

Collection Area: Chequamegon-Nicolet National Forest (CHEQ)
 Flight plan name: D05_CHEQ_R2_P1_v3_Q780
 On-Station Time: 1420 UTC / 0920 L

Flyority 3:

Collection Area: UNDERC (UNDE)
 Flight plan name: D05_UNDE_C1_P1_v2_Q780
 On-Station Time: 1420 UTC / 0920 L

Flyority 4:

Collection Area: Little Rock Lake (LIRO)
 Flight plan name: D05_LIRO_A1_P2_v2_Q780
 On-Station Time: 1420 UTC / 0920 L

Flyority 5 (if green):

Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE) – Priority 2 Flight Box
 Flight plan name: D5_STEI_TREE_R1_P2_v3_Q780
 On-Station Time: 1420 UTC / 0920 L

Crew: John (Lidar), Elissa (NIS)