



Payload 3 Daily Flight Report



Date: 2024-07-14

Flight Campaign ID: P3C1

Airport, FBO ID, City: Wausau Downtown Airport (KAUW) - Wausau, WI

Aircraft: N821AR

Domain: 05 (Great Lakes)

Sites Flown: None

Days left in Domain: 1

Report Author: Matt

Lidar Operators: Matt

Flight Hours: 00:00

Spectrometer Operators: Cameron **Hours until maintenance:** 18.73

Pilots: Justin, Jacob

Summary

Cloudy conditions persisted throughout the morning and afternoon. No flights were attempted.

Concerns

None

Comments

None

Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees

Line #

Flight Screenshots: None

Pictures: 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: 100% (16/16)

Green: 0% (0/16)

Yellow: 31% (5/16)

Red: 69% (11/16)

D05 | LIRO (Little Rock Lake)

2	3	4	5	6	7	8
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Flown: 100% (7/7)

Green: 0% (0/7)

Yellow: 71% (5/7)

Red: 29% (2/7)

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: 100% (25/25)

Green: 100% (25/25)

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: 61% (11/18)

Red: 39% (7/18)

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: 100% (28/28)

Green: 25% (7/28)

Yellow: 21% (6/28)

Red: 54% (15/28)

D05 | WABI (NEON Research Support Services - Wabikon Forest Dynamics Plot)

2	3	4	5	6	7
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Flown: 100% (6/6)

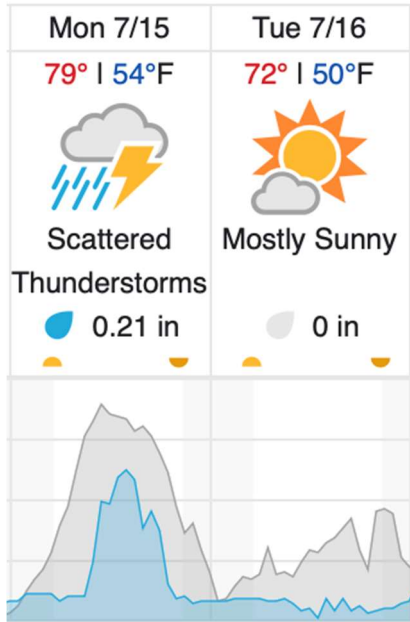
Green: 0% (0/6)

Yellow: 83% (5/6)

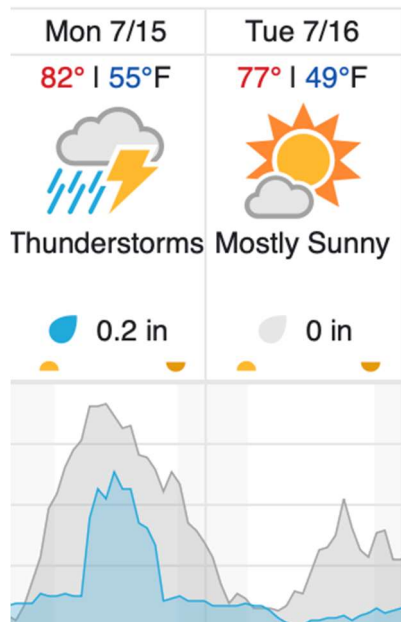
Red: 17% (1/6)

Weather Forecast

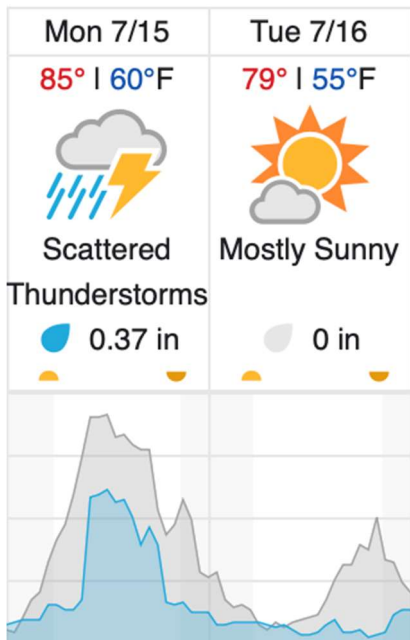
Boulder Junction, WI (UNDE, LIRO)



Tomahawk, WI (STEI-TREE)



Wausau, WI (KAUW)



source: wunderground.com

Flight Collection Plan for 15 July 2024

Flyority 1

Collection Area: UNDERC (UNDE)- *if green lines 2-17, 23-29*

Flight Plan Name: D05_UNDE_C1_P1_v2_Q780

On-station Time: 1430 UTC / 0930 L

Flyority 2

Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE), **P1 Box- *if green within solar angle lines 11-14***

Flight Plan Name: D05_STEI_TREE_R1_P1_P2_v3_Q780

On-station Time: 1430 UTC / 0930 L

Flyority 3

Collection Area: Chequamegon-Nicolet National Forest (CHEQ)- ***if Green***

Flight Plan Name: D05_CHEQ_R2_P1_v3_Q780

On-station Time: 1430 UTC / 0930 L

Flyority 4

Collection Area: Little Rock Lake (LIRO)- ***if Green***

Flight Plan Name: D05_LIRO_A1_P2_v2_Q780

On-station Time: 1430 UTC / 0930 L

Flight Crew: Cameron (Lidar), Matt (NIS)