

Payload 3 Daily Flight Report



Date: 2024-07-07

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: 8

Report Author: Mitch

Lidar Operators: Mitch Flight Hours: 00:00

Spectrometer Operators: Elissa Hours until maintenance: 26.53

Pilots: Justin, Jacob **Ground Crew**: Cameron

Summary

Low overcast clouds this morning with scattered showers; gradually cleared during the day to reveal a scattered cumulus layer. No flights were conducted.

Concerns

None

Comments

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

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: 100% (7/7) Green: 0% (0/7) Yellow: 71% (5/7) Red: 29% (2/7)

D05|STEL TREE P1 (Steigerwaldt Land Services and Treehaven Priority 1)

505 STEI_TREE_PT (Stelger Waldt Land Services and Treenaverr 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: 44% (11/25) Green: 44% (11/25) 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: 100% (18/18) Green: 0% (0/18) Yellow: 61% (11/18) Red: 39% (7/18)

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

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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: 82% (23/28) Green: 25% (7/28) Yellow: 4% (1/28) Red: 54% (15/28)

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

2 3 4 5 6 7

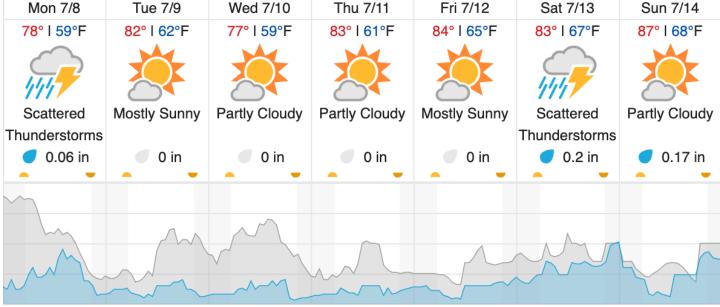
Flown: 0% (0/6) Green: 0% (0/6) Yellow: 0% (0/6) Red: 0% (0/6)

Weather Forecast

Boulder Junction, WI (UNDE, LIRO)

Bourder surrections,	WI (OIVEL, LINO)					
Mon 7/8	Tue 7/9	Wed 7/10	Thu 7/11	Fri 7/12	Sat 7/13	Sun 7/14
73° I 55°F	80° I 55°F	78° I 54°F	82° I 59°F	85° I 63°F	81° I 63°F	85° I 63°F
Scattered	Mostly Sunny	Partly Cloudy	Mostly Sunny	Mostly Sunny	Scattered	//// PM
Thunderstorms					Thunderstorms	Thunderstorms
0.21 in	0 in	0 in	0 in	0 in	0.15 in	0.18 in

Tomahawk, WI (STEI-TREE) Mon 7/8 Tue 7/9 Wed 7/10 Thu 7/11 Fri 7/12 Sat 7/13 Sun 7/14 78° I 55°F 82° | 57°F 79° I 55°F 83° I 58°F 83° I 63°F 82° | 64°F 87° I 65°F Mostly Sunny Partly Cloudy Mostly Sunny Mostly Sunny Scattered Scattered Thunderstorms Thunderstorms Thunderstorms 0.09 in 0 in 0 in 0 in **0.1** in 0.21 in 0.02 in Wausau, WI (KAUW) Mon 7/8 Tue 7/9 Wed 7/10 Thu 7/11 Fri 7/12 Sat 7/13 Sun 7/14



Cloud Cover (%)
source: wunderground.com

Flight Collection Plan for 7 July 2024

Flyority 1

Collection Area: UNDERC (UNDE), if Red/Yellow lines 1-9; if Green lines 2-17, 23-29

Flight Plan Name: D05 UNDE C1 P1 v2 Q780

On-station Time: 1420 UTC / 0920 L

Flyority 2

Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE), Priority 1 Flight Box, lines 1-15

Flight Plan Name: D05_STEI_TREE_R1_P1_P2_v3_Q780

Chance of Precip. (%)

On-station Time: 1420 UTC / 0920 L

Flyority 3

Collection Area: Chequamegon-Nicolet National Forest (CHEQ)

Flight Plan Name: D05_CHEQ_R2_P1_v3_Q780

On-station Time: 1420 UTC / 0920 L

Flyority 4

Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE), Priority 2 Flight Box, if Green

Flight Plan Name: D05_STEI_TREE_R1_P1_P2_v3_ Q780

On-station Time: 1420 UTC / 0920 L

Flyority 5

Collection Area: Little Rock Lake (LIRO), if Green Flight Plan Name: D05_LIRO_A1_P2_v2_ Q780

On-station Time: 1420 UTC / 0920 L

Flyority 6

Collection Area: NRSS Wabikon Forest Dynamics Plot (WABI)

Flight Plan Name: D05_WABI_S1_P1_v2_Q780

On-station Time: 1420 UTC / 0920 L

Flight Crew: Elissa (Lidar), Cam (NIS)