



Payload 3 Daily Flight Report



Date: 2025-06-29

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: 12

Report Author: John

Lidar Operators: John

Flight Hours: 00:00

Spectrometer Operators: Matt

Hours until maintenance: 63.87

Pilots: Justin, Tim

Summary

Constant cloudy condition kept us from flying today. Conducted a mercury lamp test on the NIS using the new procedure.

Concerns

None.

Comments

Conducted a tour for the D05 Domain Staff.

Picture: The D05 Team and University of Notre Dame students visiting the Twin Otter.



Cumulative Domain Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (*)

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)

* Flown within 35deg solar angle

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: 0% (0/7)

Red: 100% (7/7)

* Flown within 35deg solar angle

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)

* Flown within 35deg solar angle

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: 0% (0/18)

Red: 100% (18/18)

* Flown within 35deg solar angle

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: 32% (9/28)

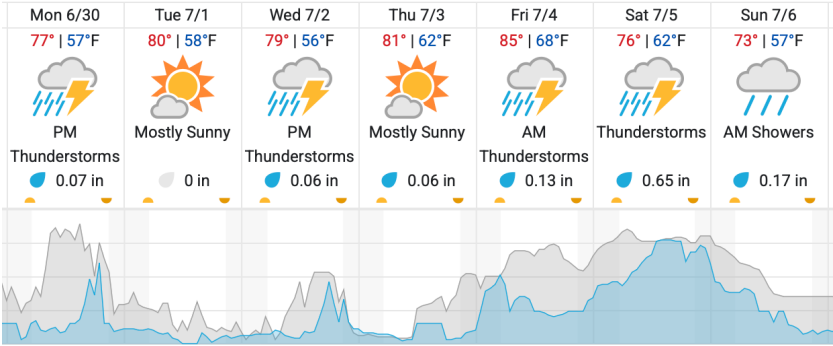
Green: 0% (0/28)

Yellow: 32% (9/28)

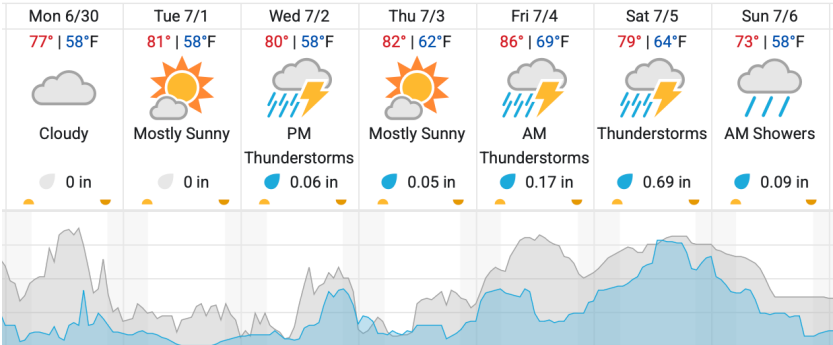
Red: 0% (0/28)

* Flown within 35deg solar angle

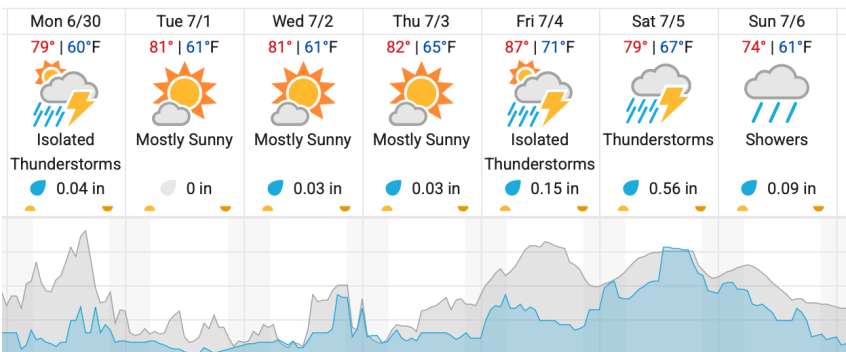
Weather Forecast
Boulder Junction, WI (UNDE, LIRO)



Tomahawk, WI (STEI-TREE)



Wausau, WI (FBO KAUW)



	Cloud Cover (%)		Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for June 30 2025
Flyority 1
Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE)
Flight Plan Name: D05_STEI_TREE_R1_P1_P2_v3_Q780
On-station Time: 1420 UTC / 0920 L

Flyority 2
Collection Area: UNDERC (UNDE)
Flight Plan Name: D05_UNDE_C1_P1_v2_Q780
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 (only if green conditions)

Collection Area: Little Rock Lake (LIRO)

Flight Plan Name: D05_LIRO_A1_P2_v2_Q780

On-station Time: 1420 UTC / 0920 L

Flyority 5 (only if green conditions)

Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE)

Flight Plan Name: D05_STEI_TREE_R1_P1_P2_v3_Q780

On-station Time: 1420 UTC / 0920 L

Flight Crew: Matt (lidar), John (NIS)