



## Payload 3 Daily Flight Report



**Date:** 2025-07-06

**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:** 5

**Report Author:** John

**Lidar Operators:** John

**Flight Hours:** 00:00

**Spectrometer Operators:** Matt **Hours until maintenance:** 55.42

**Pilots:** Justin, Troy

### Summary

Green conditions did not materialize today as expected. The clouds were below our survey altitude, so we were not able to collect.

### Concerns

Two days in a row now the payload cell phone router attached to the Sherpa has powered down, stopping communications. Matt ordered a new Sherpa to be sent to D12.

### Comments

Thank you Matt for all your assistance! And we welcome Cameron back!

### Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (\*)

### 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: 88% (14/16)

Red: 12% (2/16)

\* 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: 100% (25/25)

Green: 100% (25/25)

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: 57% (16/28)

Green: 0% (0/28)

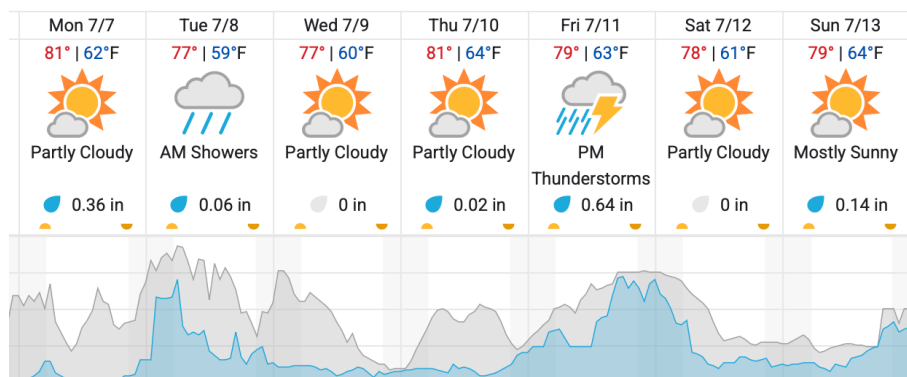
Yellow: 57% (16/28)

Red: 0% (0/28)

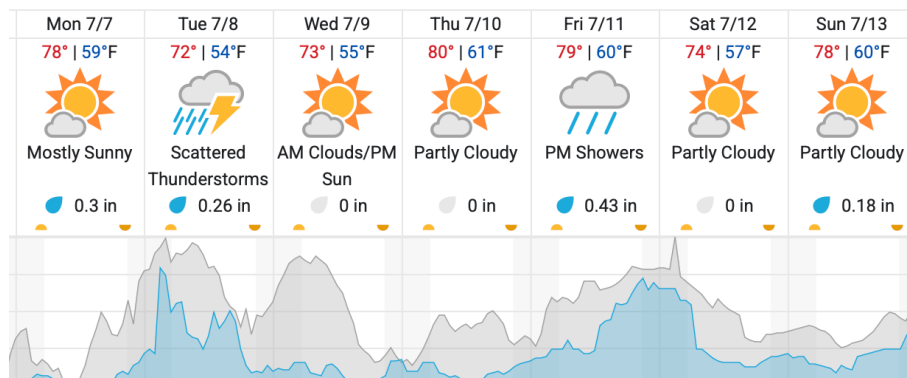
\* Flown within 35deg solar angle

## Weather Forecast

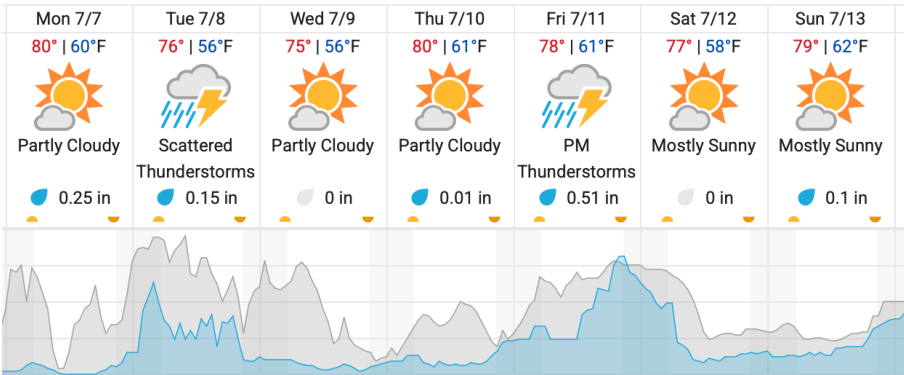
### Wausau, WI



### Boulder Junction, WI



Tomahawk, WI



source: wunderground.com

Flight Collection Plan for 7 July 2025

Flyority 1

Collection Area: UNDERC (UNDE)  
Flight Plan Name: D05\_UNDE\_C1\_P1\_v2\_Q780  
On-station Time: 1420 UTC / 0920 L

Flyority 2 (only if green conditions)

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 (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 4 (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: John (lidar), Cameron (NIS)