



### Payload 3 Daily Flight Report

**Date:** 2024-06-27  
**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:** 18

**Report Author:** Mitch  
**Lidar Operators:** Mitch                   **Flight Hours:** 00:00  
**Spectrometer Operators:** Matt   **Hours until maintenance:** 34.27  
**Pilots:** Jeff, Shane  
**Ground Crew:** Elissa

#### Summary

Crew mobilized to the airport this morning as skies over northern Wisconsin looked promisingly clear for a potential green collect. However cumulus clouds were observed from the tower cameras populated the skies just before the Twin Otter could be towed out of the hangar. Clouds continued building to almost complete cloud cover. No flights occurred.

#### Concerns

None

#### Comments

Matt departed D05 today after flights were cancelled. Thanks for the hard work, Matt!

#### 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: 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: 0% (0/25)  
Green: 0% (0/25)  
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: 0% (0/18)  
 Green: 0% (0/18)  
 Yellow: 0% (0/18)  
 Red: 0% (0/18)

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: 71% (20/28)  
 Green: 0% (0/28)  
 Yellow: 0% (0/28)  
 Red: 71% (20/28)

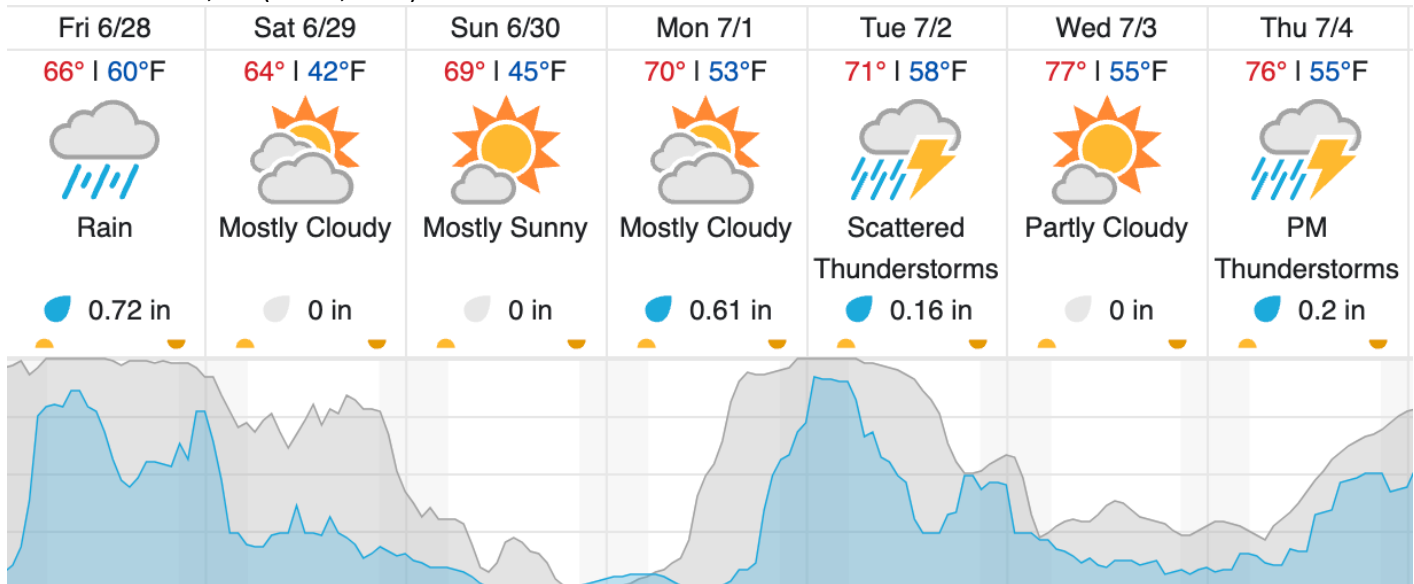
D05 | WABI (Wabikon Forest Dynamics Plot Assignable Asset)

2	3	4	5	6	7
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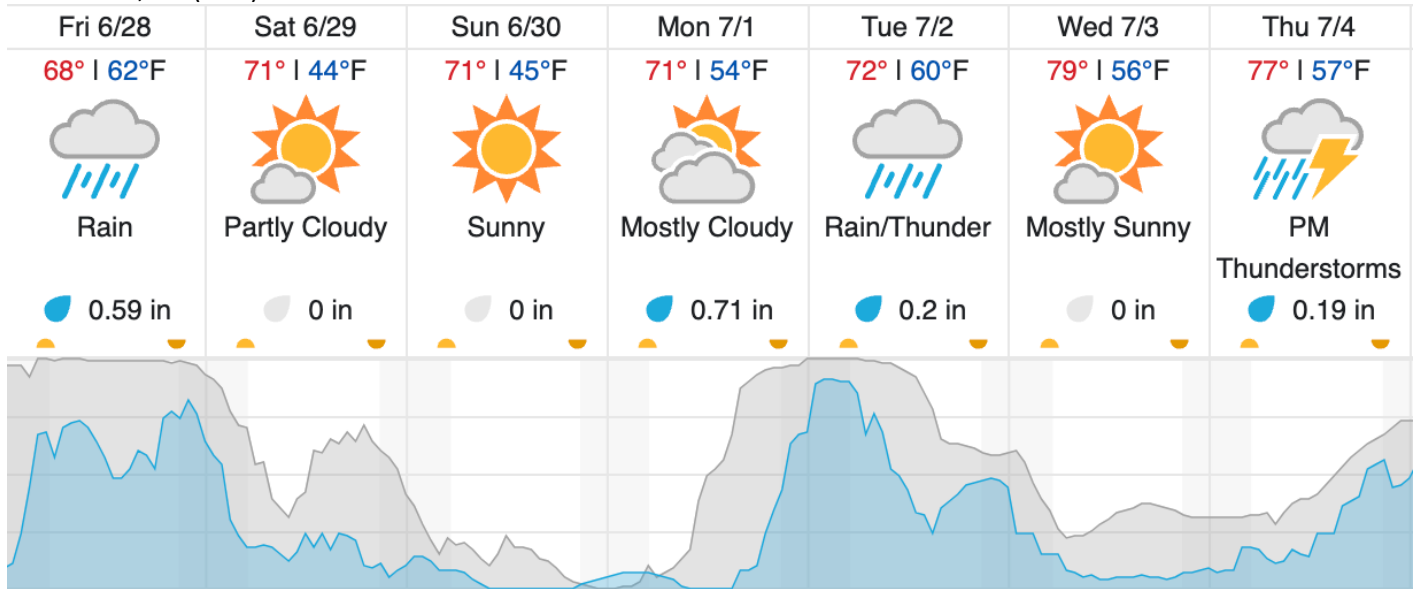
Flown: 0% (0/6)  
 Green: 0% (0/6)  
 Yellow: 0% (0/6)  
 Red: 0% (0/6)

**Weather Forecast**

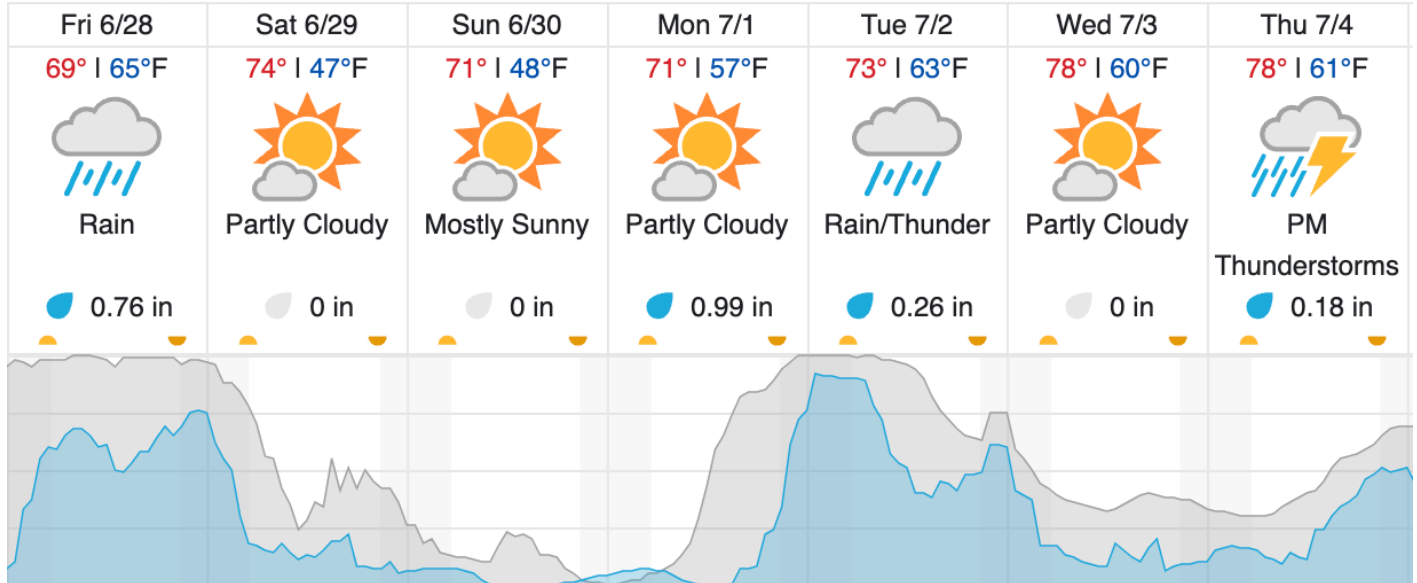
Boulder Junction, WI (UNDE, LIRO)



Tomahawk, WI (STEI)



Wausau, WI (KAUW)



source: wunderground.com

**Flight Collection Plan for 28 June 2024**

**Flyority 1**

Collection Area: UNDERC (UNDE) If Red/Yellow conditions, lines 1-9; if Green conditions all lines.

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

Flight Plan Name: D05\_STEI\_TREE\_R1\_P1\_P2\_v3\_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

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

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)

Flight Plan Name: D05\_LIRO\_A1\_P2\_v2\_Q780

On-station Time: 1420 UTC / 0920 L

Flyority 6

Collection Area: 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), Mitch (NIS)