



## Payload 3 Daily Flight Report



**Date:** 2024-06-23

**Flight Campaign ID:** P3C1

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

**Aircraft:** N821AR

**Domain:** 05 (Great Lakes)

**Sites Flown:** None

**Days left in Domain:** 22

**Report Author:** Matt

**Lidar Operators:** Matt

**Flight Hours:** 00:00

**Spectrometer Operators:** John **Hours until maintenance:** 38.60

**Pilots:** Shane, Jeff

### Summary

The crew saw an opening for the STEI site and proceeded to the airport for preflight operations. Once the plane was pulled out and systems were up and running, we double checked the tower cameras and cloud cover had built up to the point of red conditions. The mission was scrapped, and the plane was returned to the hangar. We'll try again tomorrow.

### Concerns

None.

### Comments

None.

### Cumulative Domain Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees

|        |
|--------|
| Line # |
|--------|

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 |
|---|---|---|---|---|---|---|

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 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

Flown: 0% (0/18)  
Green: 0% (0/18)  
Yellow: 0% (0/18)  
Red: 0% (0/18)

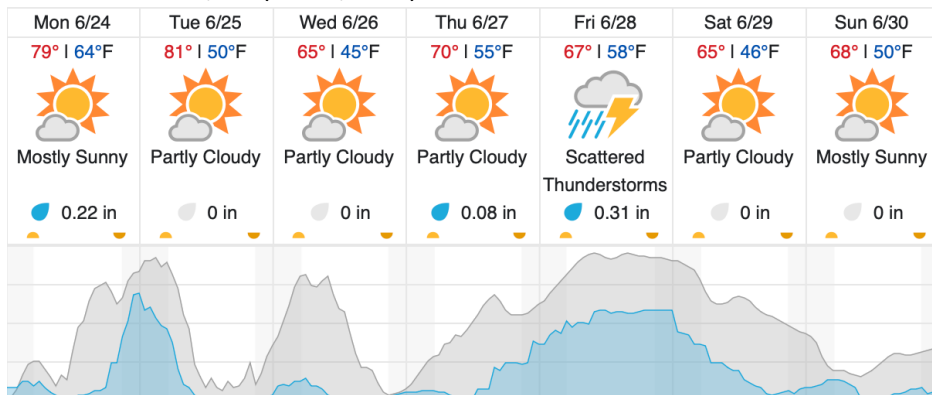
### D05 | UNDE (University of Notre Dame Environmental Research Center)

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| 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 |    |    |    |    |    |    |    |    |    |    |    |    |  |

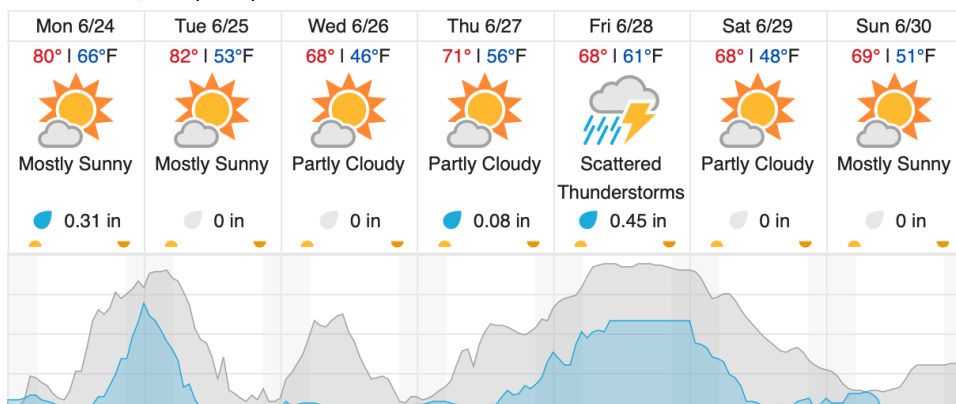
Flown: 0% (0/28)  
Green: 0% (0/28)  
Yellow: 0% (0/28)  
Red: 0% (0/28)

## Weather Forecast

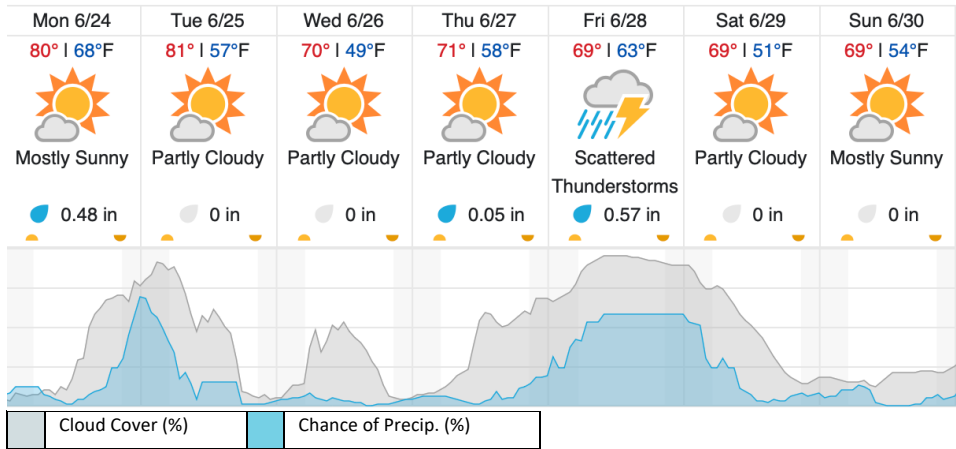
### Boulder Junction, WI (UNDE, LIRO)



### Tomahawk, WI (STEI)



## Wausau, WI (KAUW)



source: wunderground.com

### Flight Collection Plan for 24 June 2024

#### Flyority 1

Collection Area: UNDERC (UNDE)

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: D5\_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: D5\_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: D5\_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: D5\_LIRO\_A1\_P2\_v2\_Q780

On-station Time: 1420 UTC / 0920 L

#### Flyority 6

Collection Area: Wabikon Forest Dynamics Plot (WABI)

Flight Plan Name: D5\_WABI\_S1\_P1\_v2\_Q780

On-station Time: 1420 UTC / 0920 L

**Flight Crew:** John (Lidar), Matt (NIS)