



Payload 3 Daily Flight Report



Date: 2025-06-21

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: 20

Report Author: Mike

Lidar Operators: Mike

Flight Hours: 00:00

Spectrometer Operators: John

Hours until maintenance: 69.70

Pilots: Tim, Justin

Summary

Rain in the morning gave way to popcorn cumulus clouds and hot temperatures in the afternoon. No flights were conducted.

Comments

While the weather forecast for tomorrow has declined towards cloudy conditions, the crew still plans to get airborne to start chipping away at lines given the longer forecast outlook.

Daily Coverage

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: 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: 0% (0/7)

Green: 0% (0/7)

Yellow: 0% (0/7)

Red: 0% (0/7)

* 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: 0% (0/18)

Green: 0% (0/18)

Yellow: 0% (0/18)

Red: 0% (0/18)

* 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: 0% (0/28)

Green: 0% (0/28)

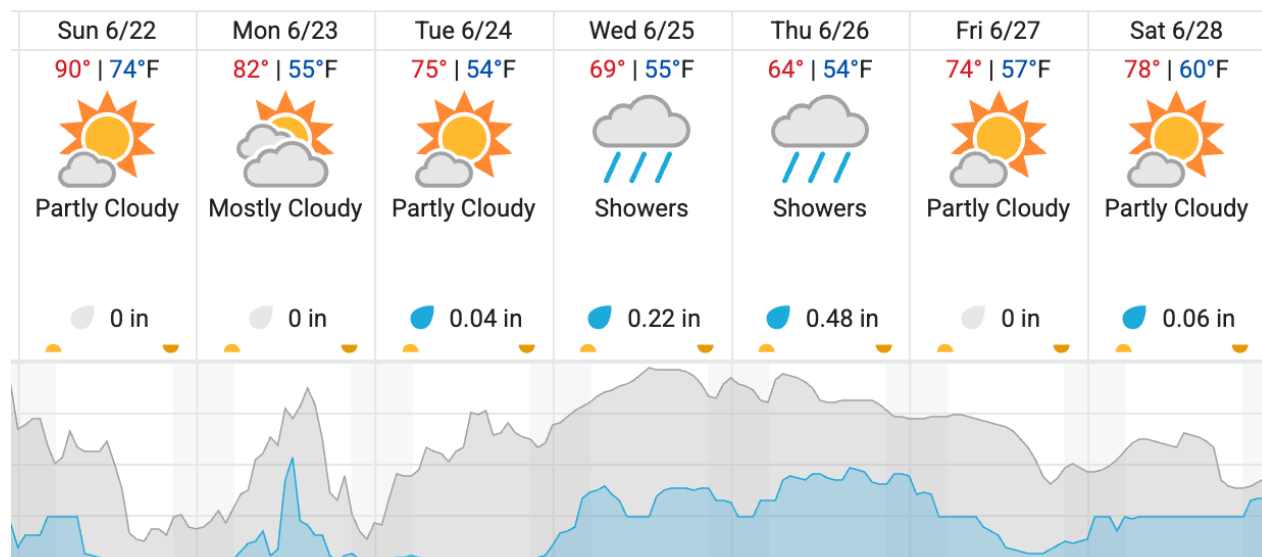
Yellow: 0% (0/28)

Red: 0% (0/28)

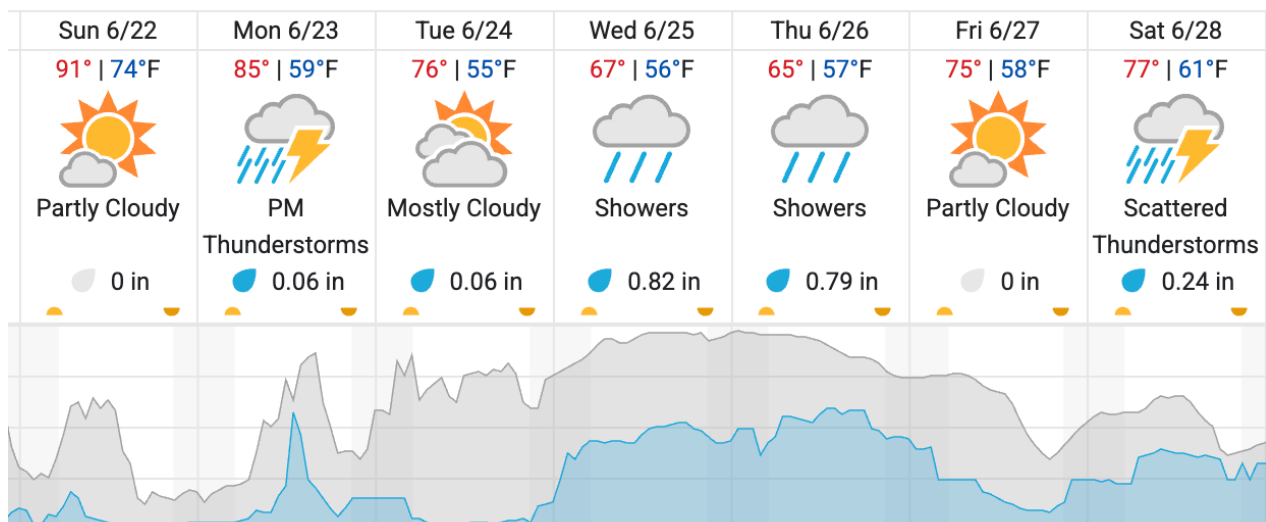
* Flown within 35deg solar angle

Weather Forecast

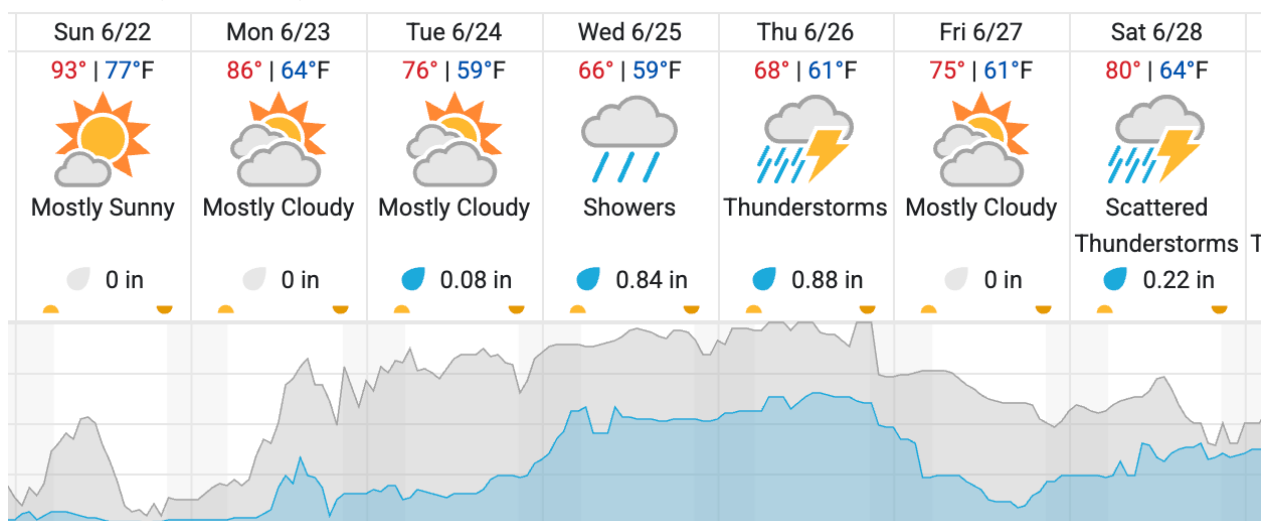
Boulder Junction, WI (UNDE, LIRO)



Tomahawk, WI (STEI-TREE)



Wausau, WI (FBO KAUW)



Cloud Cover (%) Chance of Precip. (%)

source: wunderground.com

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

Collection Area: Little Rock Lake (LIRO)

Flight Plan Name: D05_LIRO_A1_P2_v2_ Q780

On-station Time: 1420 UTC / 0920 L

Flyority 5

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**), Mike (**NIS**)