



Payload 3 Daily Flight Report



Date: 2024-06-29

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: 16

Report Author: Mitch

Lidar Operators: Mitch

Flight Hours: 00:00

Spectrometer Operators: Elissa **Hours until maintenance:** 34.27

Pilots: Shane, Jeff

Summary

A complete overcast morning started looking promising as clouds started migrating to the southeast. However before clear conditions could fully materialize, cumulus clouds started forming at lower altitudes, eventually building back up to almost cloud cover again by the end of solar angle. No flights occurred.

Concerns

None

Comments

None

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)

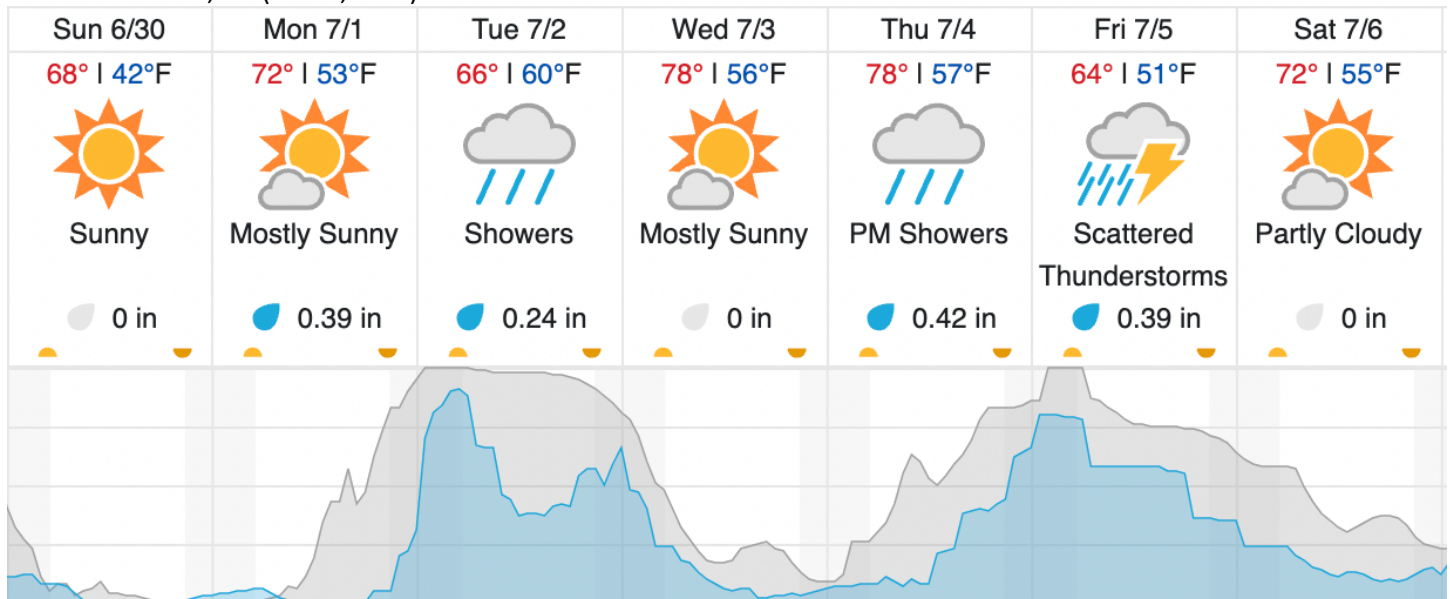
D05 | WABI (NEON Research Support Services - Wabikon Forest Dynamics Plot)

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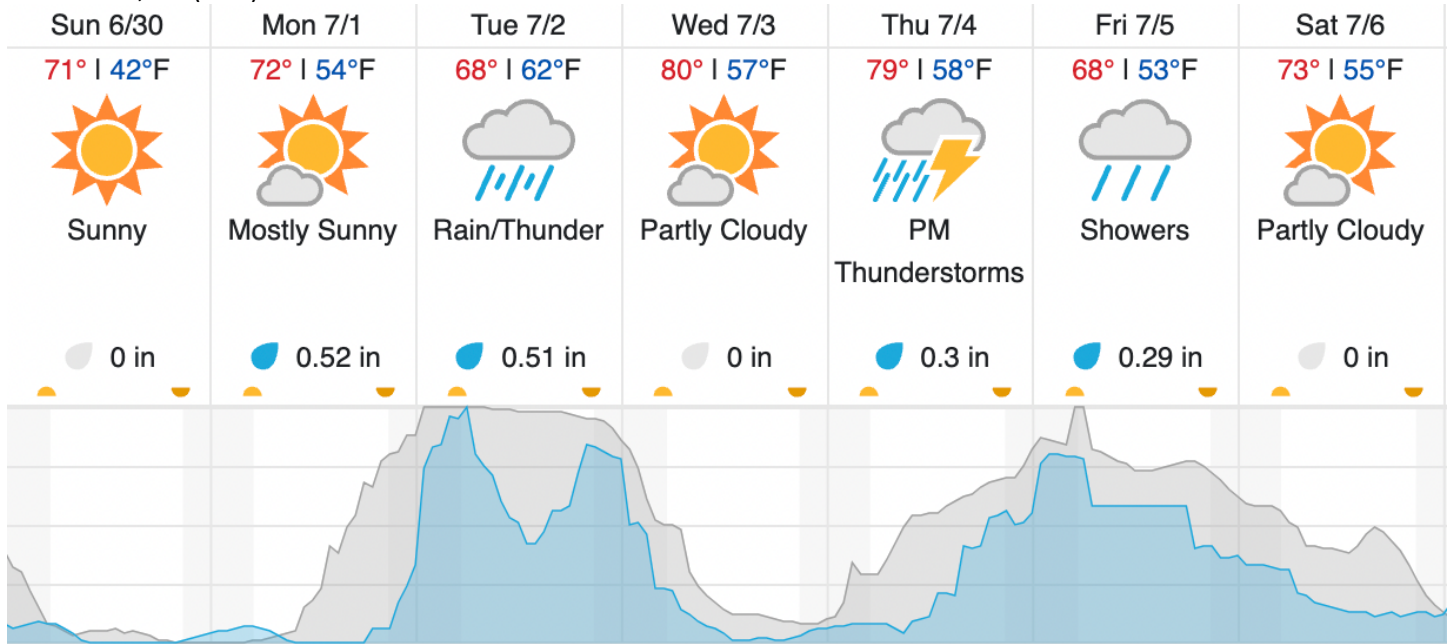
Flown: 0% (0/6)
 Green: 0% (0/6)
 Yellow: 0% (0/6)
 Red: 0% (0/6)

Weather Forecast

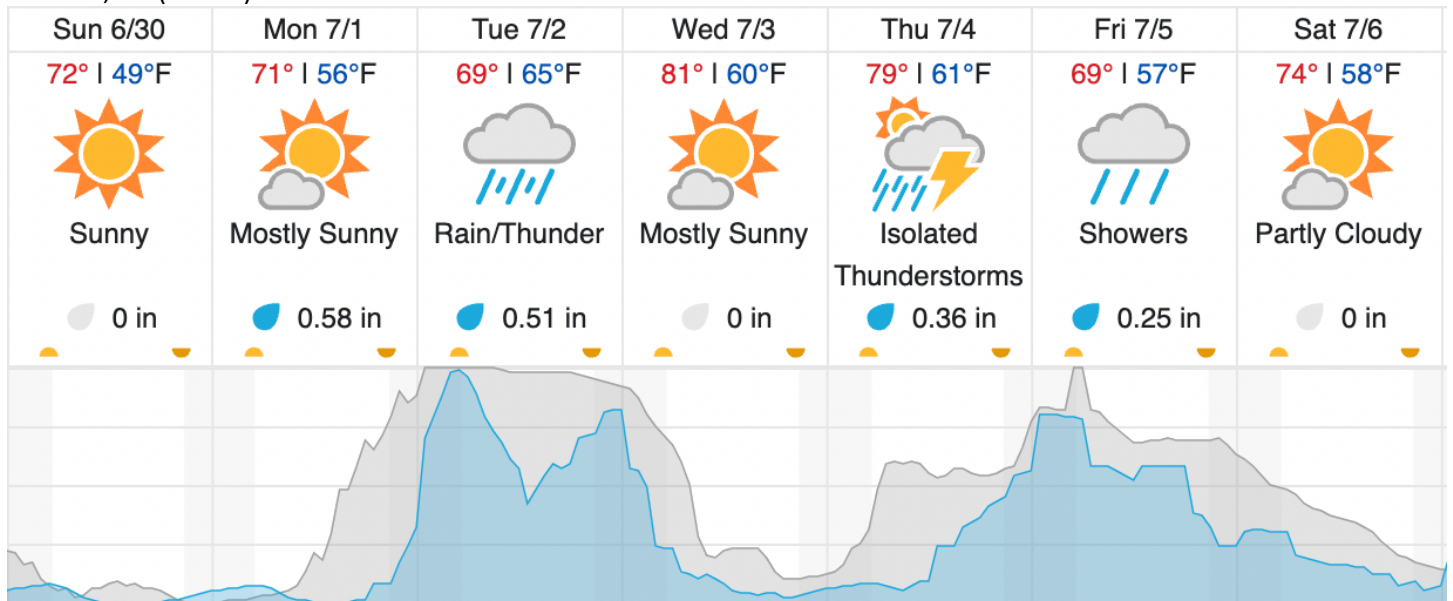
Boulder Junction, WI (UNDE, LIRO)



Tomahawk, WI (STEI)



Wausau, WI (KAUW)



source: wunderground.com

Flight Collection Plan for 30 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: NRSS 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)