



Payload 3 Daily Flight Report



Date: 2022-06-19

Flight Campaign ID: P3C1

Airport, FBO ID, City: Rhinelander-Oneida County Airport (KRHI) - Rhinelander, WI

Aircraft: N70AR

Domain: 05 (Great Lakes)

Sites Flown: None

Days left in Domain: 12

Report Author: Elissa

Lidar Operators: Elissa

Flight Hours: 00:00

Spectrometer Operators: John **Hours until maintenance:** 48.60

Pilots: Nick, Brent

Summary

Clouds set up early this morning and persisted throughout the day. No flights were attempted.

Concerns

Extraction and QA of yesterday's flight completed except for coverage; Andrew is troubleshooting.

Comments

The mercury lamp collection for D05 was completed today; data have not yet been extracted due to ongoing work on the QA of yesterday's flight. System was briefly shut down in order to check Eaton port 6 for signs of damage; cable and port still appear in good condition.

Cumulative Domain Coverage

Estimated Cloud Cover Key

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

D05 | CHEQ (Chequamegon-Nicolet National Forest)

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|

Flown: 100% (16/16)

Green: 0% (0/16)

Yellow: 0% (0/16)

Red: 100% (16/16)

D05 | LIRO (Little Rock Lake)

| | | | | | | |
|---|---|---|---|---|---|---|
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|

Flown: 100% (7/7)

Green: 0% (0/7)

Yellow: 14% (1/7)

Red: 86% (6/7)

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: 100% (25/25)
 Green: 100% (25/25)
 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: 100% (18/18)
 Green: 0% (0/18)
 Yellow: 17% (3/18)
 Red: 83% (15/18)

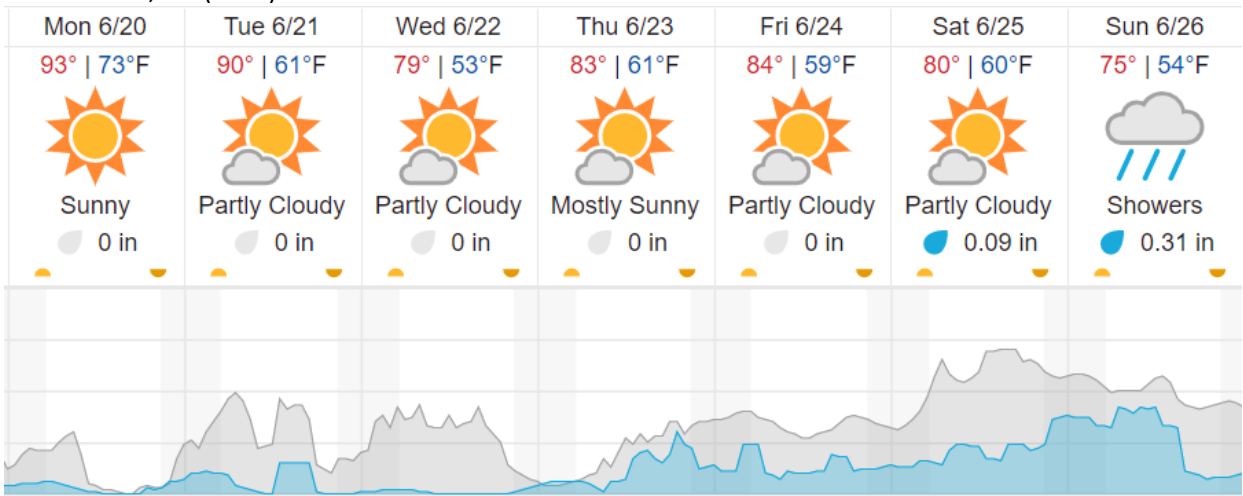
D05 | UNDE (University of Notre Dame Environmental Research Center)

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

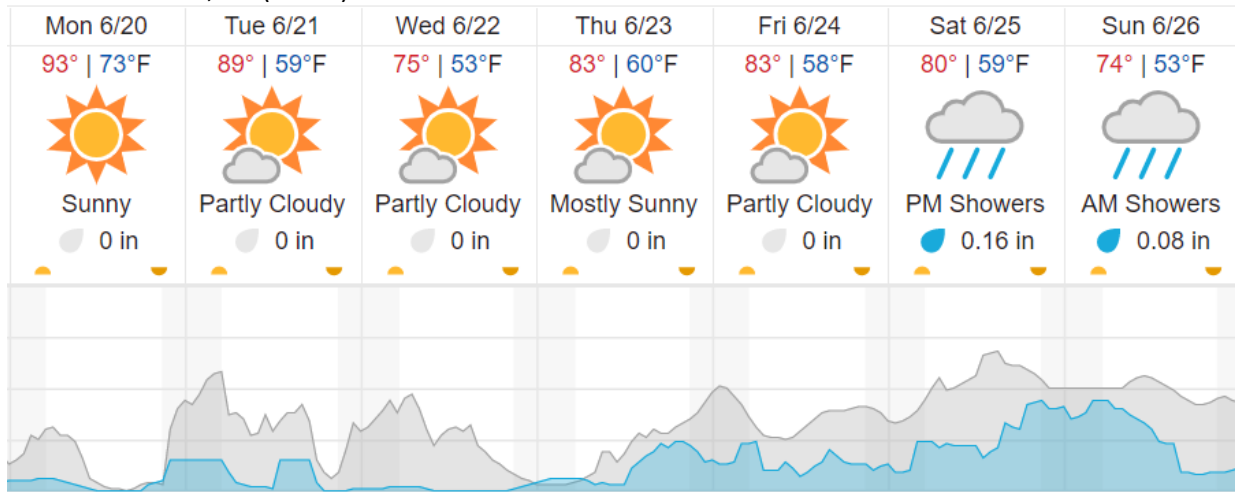
Flown: 0% (0/28)
 Green: 0% (0/28)
 Yellow: 0% (0/28)
 Red: 0% (0/28)

Weather Forecast

Rhineland, WI (KRHI)



Boulder Junction, WI (UNDE)



source: wunderground.com

Flight Collection Plan for 20 June 2022

Flyority 1: (if green):

Collection Area: Chequamegon-Nicolet National Forest (CHEQ)

Flight plan name: D05_CHEQ_R2_P1_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: (if green):

Collection Area: Little Rock Lake (LIRO)

Flight plan name: D05_LIRO_A1_P2_v2_Q780

On-Station Time: 1420 UTC / 0920 L

Flyority 4: (if green):

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

Flight plan name: D5_STEI_TREE_R1_P2_v3_Q780

On-Station Time: 1420 UTC / 0920 L

Crew: John (Lidar), Elissa (NIS)