



June 7, 2019 Payload 3 Daily Flight Report



Date: 2019-06-07

Flight Campaign ID: 2019_P3C1

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

Domain: 05

Sites Flown: N/A

Days left in Domain: 15

Report Author: Ivana Vu

Flight Crew: Robb Walker, Ivana Vu

Ground/GPS: Michael Wussow

Pilots: Gina Moore, Jeff Quintanilla

Additional Personnel: N/A

GPS Instruments: N/A

Flight Hours: 00:00

Hours until maintenance: 29.50

Summary

Despite promising forecasts, a layer of high cirrus lingered over all D05 sites throughout the day and no flights were attempted.

Concerns

None

Comments

Vacuum Pump 3 was shipped back to the AOP Lab in Boulder for troubleshooting and repair – Ian will send the spare pump to D05 next week

Pictures

Cirrus clouds near the STEI_TREE flight boxes



Cumulative Domain Coverage

CHEQ

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
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Flown: 100% (17/17)
 Green: 0% (0/17)
 Yellow: 100% (17/17)
 Red: 0% (0/17)

STEI_TREE_P1

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% (0/26)
 Green: 0% (0/26)
 Yellow: 0% (0/26)
 Red: 0% (0/26)

STEI_TREE_P2

27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
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Flown: 79% (15/19)
 Green: 0% (0/19)
 Yellow: 68% (13/19)
 Red: 16% (3/19)

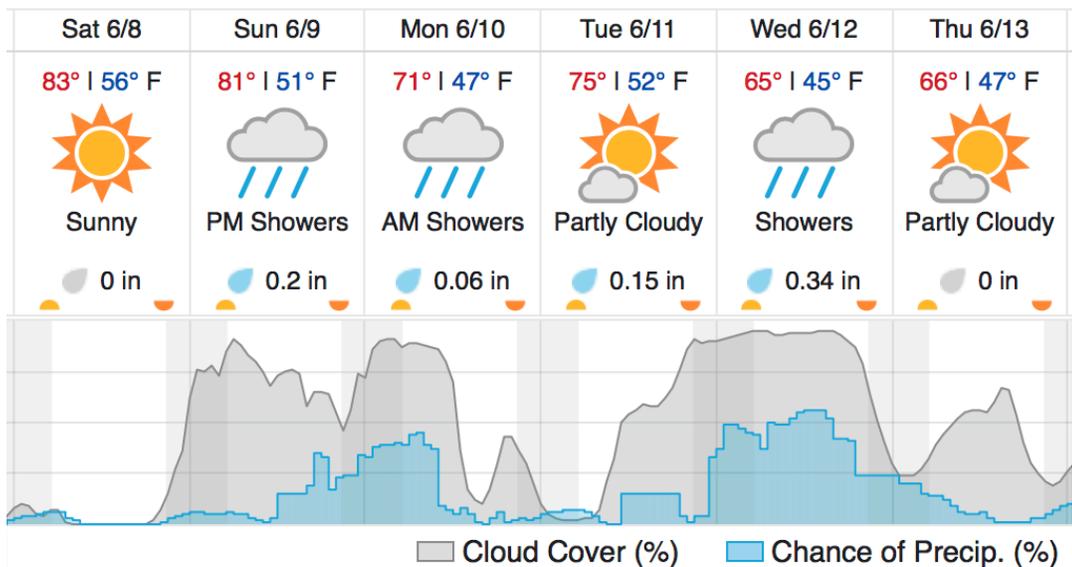
UNDE

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	27	28	29											

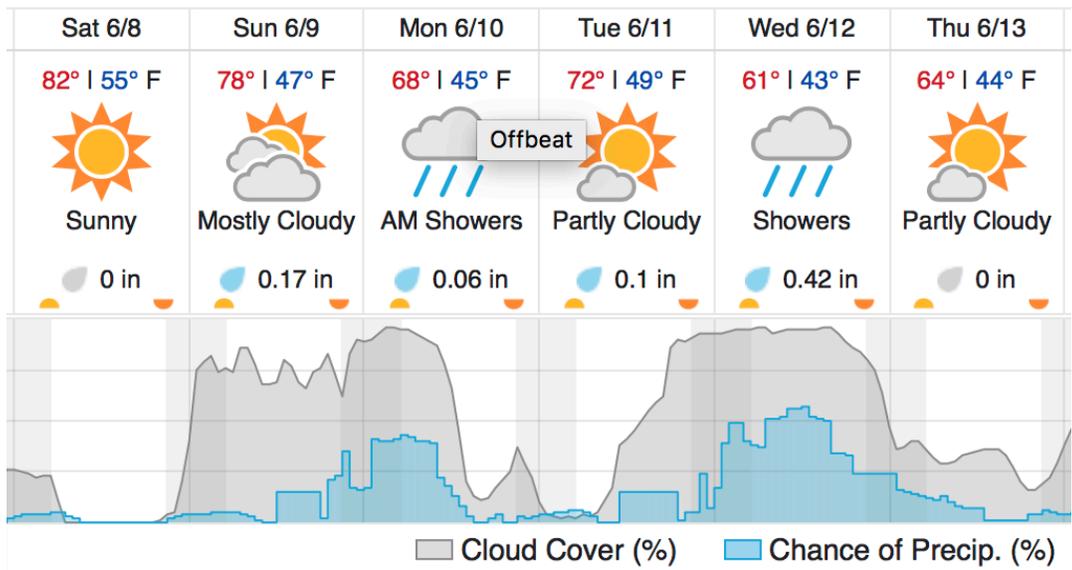
Flown: 31% (9/29)
 Green: 31% (9/29)
 Yellow: 0% (0/29)
 Red: 0% (0/29)

Weather Forecast

Rhineland, WI



Land O'Lakes, WI



Flight Collection Plan for 08 June 2019

Flyority 1

Collection Area: UNDERC (UNDE)
 Flight Plan Name: D05_UNDE_C1_P1_v2_Q780
 On-station Time: 1420 – 2130 UTC / 0920 – 1630 L

Flyority 2

Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE) – Priority 1 Flight Box
 Flight Plan Name: D5_STEI_TREE_R1_P1_v3_Q780
 On-station Time: 1420 – 2130 UTC / 0920 – 1630 L

Flyority 3

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 – 2130 UTC / 0920 – 1630 L

Flyority 4

Collection Area: Chequamegon-Nicolet National Forest (CHEQ)
 Flight Plan Name: D05_CHEQ_R2_P1_v3_Q780
 On-station Time: 1420 – 2130 UTC / 0920 – 1630 L

*If green conditions exist and other sites are completed in green

Crew: Mike Wussow (Lidar), Ivana Vu (NIS), Robb Walker (GPS/Ground)

Flight Collection Plan for 09 June 2019

Flyority 1-4: Same as previous day

Crew: Robb Walker (Lidar), Mike Wussow (NIS), Ivana Vu (GPS/Ground)