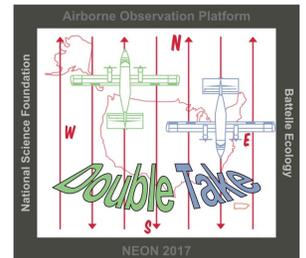




2017 P1C1 Daily Report



Flight Campaign ID: 2017_P1C1

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

Domain: 05

Sites Flown: Transit, UNDE, N05A

Days left in Domain: 7

Flight Hours: 02:02 (Transit), 02:01 (UNDE/N05A)

Hours until maintenance: 118.43

Date: 2017-09-01

Report Author: Ivana Vu

Pilots: Justin Eddington, Stephen Brawder

Flight Crew: Ivana Vu, Abe Morrison

Ground/GPS: David Gambino

Additional Personnel: None

GPS Instruments:

05 - UNDE, WISCORS - RHER

Summary:

Crew completed transit to Rhinelander this morning and waited for Marginal VFR conditions at KRHI to clear up before data collection was possible. UNDERC (UNDE) was the only site with ideal sky conditions and green data was collected there until the end of the 40-degree solar angle.

Issues/Concerns:

NIS DCC unexpectedly rebooted during takeoff – after restart, NIS FPA temperature on MarsRover software read 134.055K while telemetry laptop was showing 134.000K. FPA temp appeared to stabilize on both the DCC computer and telemetry laptop before collection, and 2 lines were re-flown to ensure data quality was unaffected.

Comments:

- Dave and Abe set up GPS 05 (UNDE) this morning
- Completed N05A
- Completed Lines 18-24 at UNDE (Green: <10% cloud cover)

Pictures:



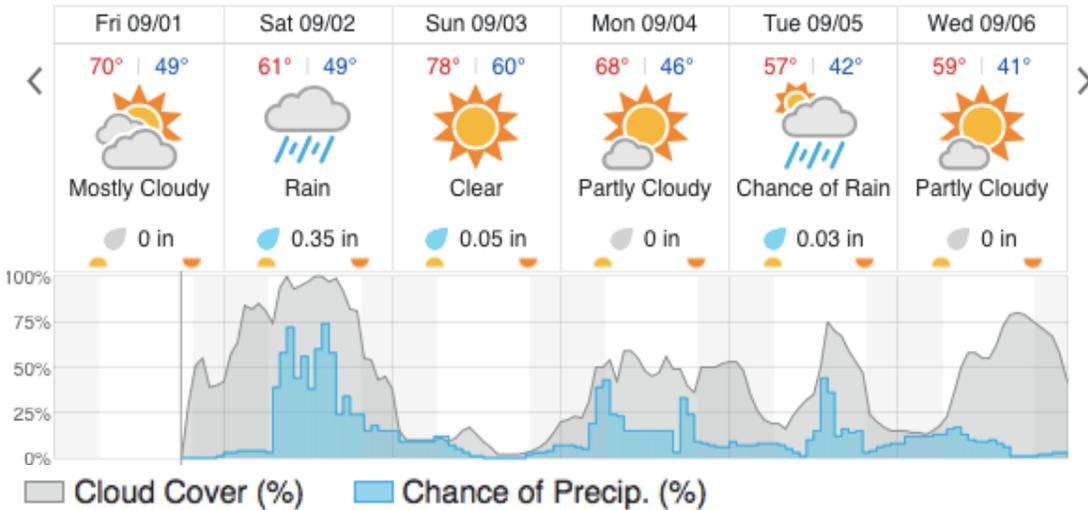
Left: Lake Michigan during the last leg of transit to D05

Below: UNDERC site at Land O' Lakes, WI



Weather Forecast

Rhineland, WI



Flight Collection Plan for September 2nd 2017

Flyority 1

Collection Area: Steigerwaldt Land Services - Treehaven (STEI-TREE) – Priority 1 Flight Box

Flight Plan Name: D05_STEI_TREE_R1_P1_v2B.pln

On Station Time: 1030 Local / 1530 UTC

Flyority 2

Collection Area: Chequamegon-Nicolet National Forest (CHEQ)

Flight Plan Name: D05_CHEQ_R2_P1_v2B.pln

On Station Time: 1030 Local / 1530 UTC

Flyority 3

Collection Area: UNDERC (UNDE)

Flight Plan Name: D05_UNDE_C1_P1_v1B.pln

On Station Time: 1030 Local / 1530 UTC

Crew

Lidar: Abe Morrison, NIS: Ivana Vu, Ground/GPS: David Gambino

Flight Collection Plan for September 3rd 2017

Flyority: Same as previous day unless a flight box has been completed

Crew

Lidar: Ivana Vu, NIS: Abe Morrison, Ground/GPS: David Gambino