



## 2017 P1C1 Daily Report



**Flight Campaign ID:** 2017\_P1C1

**FBO ID & City:** Bismarck Municipal Airport (KBIS) -  
Bismarck, ND

**Domain:** 09

**Sites Flown:** WOOD/DCFS, NOGP

**Days left in Domain:** 09

**Flight Hours:** 05:37

**Hours until maintenance:** 103.22

**Date:** 2017-06-21

**Report Author:** Doug Cavender

**Pilots:** Justin Eddington, Jared Kadis

**Flight Crew:** Doug Cavender, Michael Wussow,  
None

**Ground/GPS:** Abe Morrison

**Additional Personnel:**

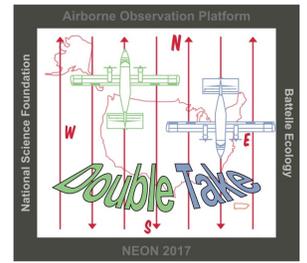
### **GPS Instruments:**

06 - FBO/NOGP, 09 - WOOD/DCFS

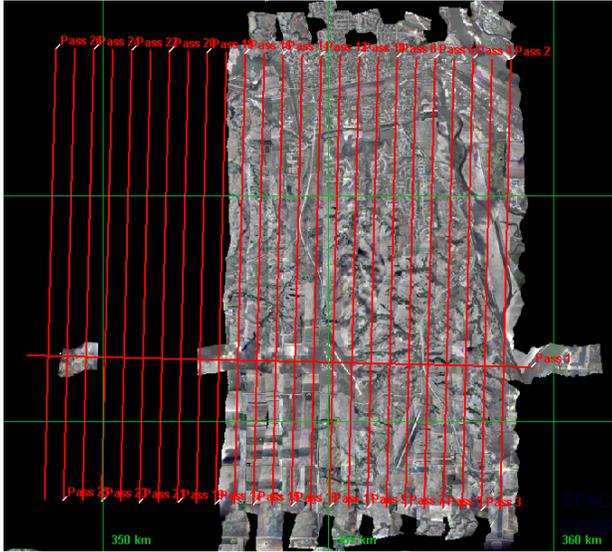
**Summary:** Made the most of a marginal weather day today, with initial acquisition of NOGP complete and ~50% initial acquisition of WOOD/DCFS complete, under less than green conditions.

**Issues/Concerns:** NIS anomalies were not mitigated with system warmup and cooldown.

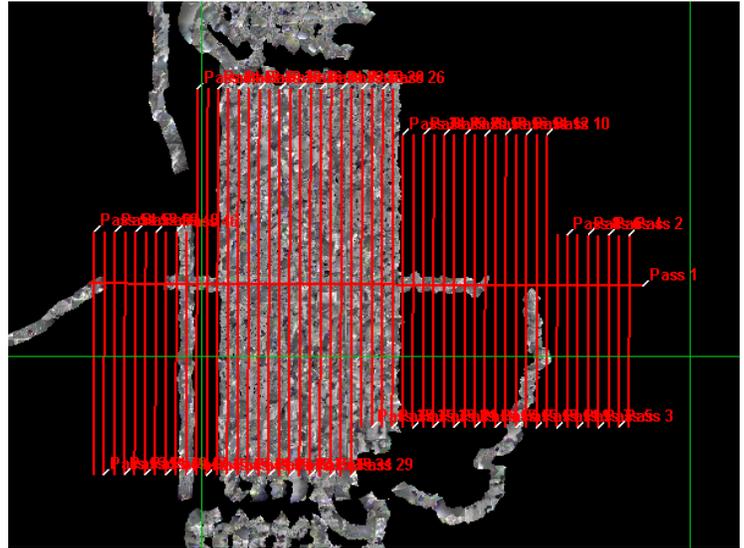
**Comments:** The battery at D06 - FBO/NOGP was replaced today.



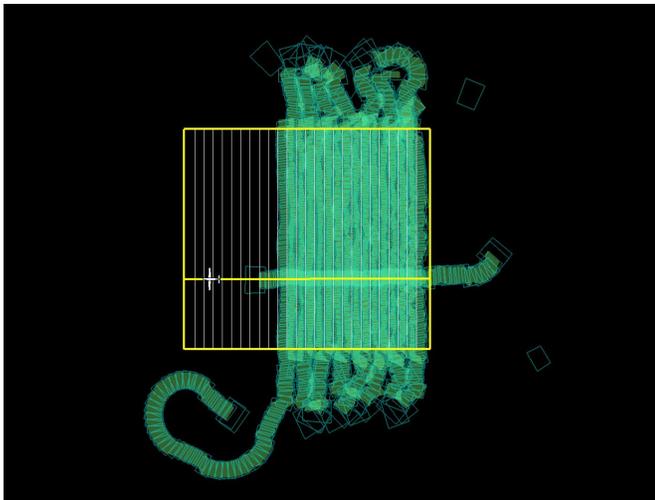
NIS/Lidar Screenshots:



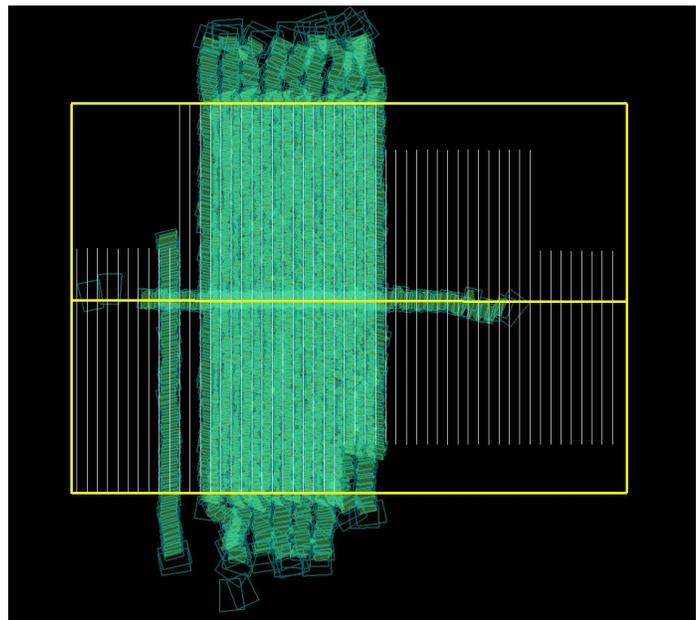
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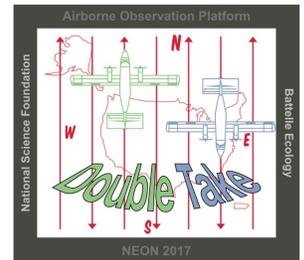
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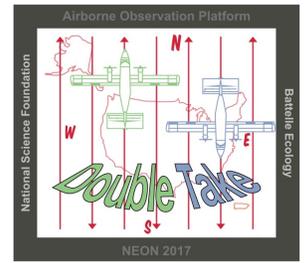
**Domain Coverage:**

D09 NOGP	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1							NLC
	2							NLC
	3							NLC
	4							NLC
	5							NLC
	6							NLC
	7							NLC
	8							NLC
	9							NLC
	10							NLC
	11							NLC
	12							NLC
	13							NLC
	14							NLC
	15							NLC
	16							NLC
Completed:	(5/16)							19.23%

**2017062113**

D09 WOOD/DCFS	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1							NLC
	25							NLC
	26							NLC
	27							NLC
	28							NLC
	29							NLC
	30							NLC
	31							NLC
	32							NLC
	33							NLC
	34							NLC
	35							NLC
	36							NLC
	37							NLC
	38							NLC
	39							NLC
	40							NLC
	41							NLC
	45							NLC
Completed:	(0/19)							0.00%

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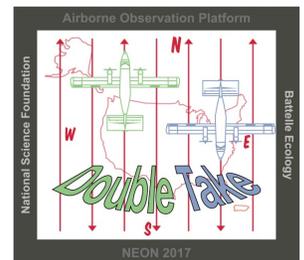
Pictures:



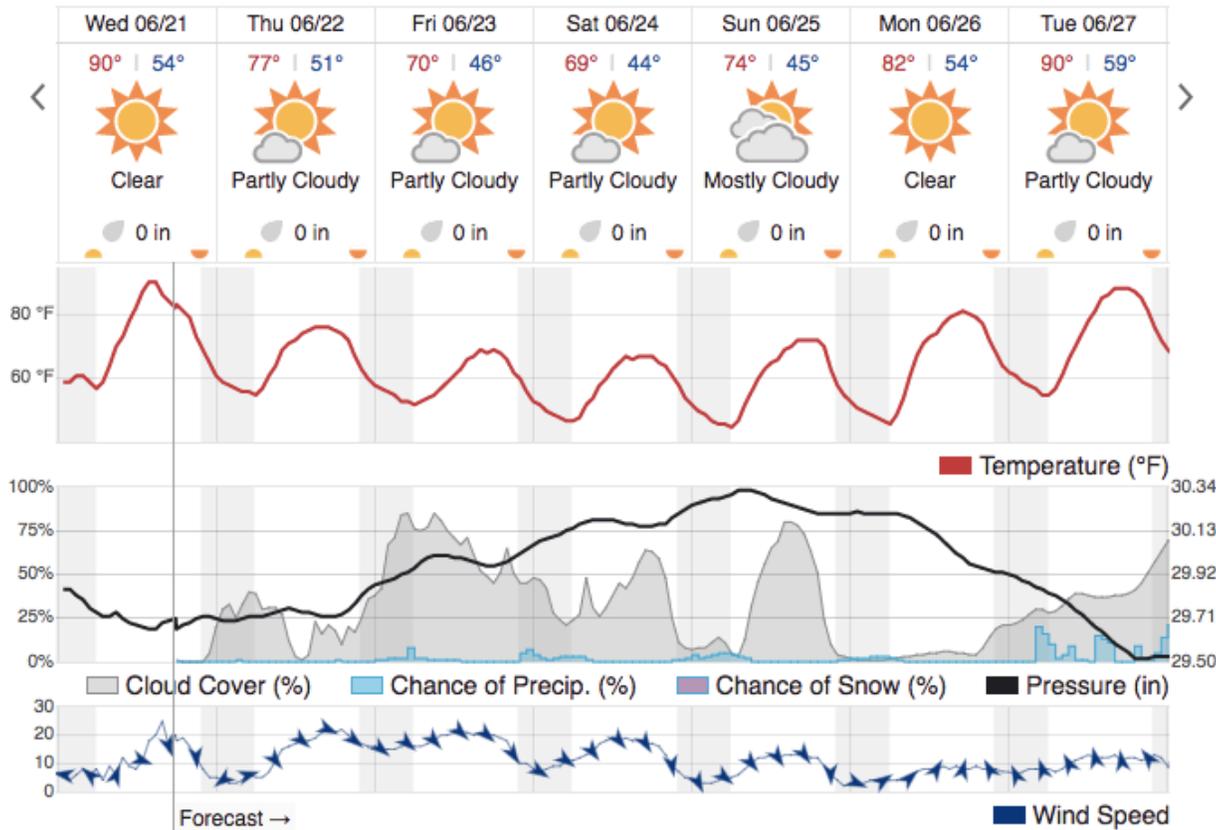
NOGP



WOOD/DCFS



**Weather Forecast:**



**Flight collection Plan for 22 June 2017:**

**Flyority 1:**

Collection Area: Woodworth (WOOD) Dakota Coteau Field School (DCFS)  
 Flight Plan Name: D09\_WOOD\_DCFS\_C1\_P1\_v3.pln  
 On Station: 1000L / 1500 UTC

**Flyority 2:**

Collection Area: Northern Great Plains (NOGP)  
 Flight Plan Name: D09\_NOGP\_R2\_P1\_v1.pln  
 On Station: 1010L / 1510 UTC

**Crew:**

Lidar: Michael Wussow  
 NIS: Doug Cavender  
 Ground / GPS: Abe Morrison



**Flight collection Plan for 23 June 2017:**

No flights, planned crew rotation day.

