



July 26, 2019 Payload 3 Daily Flight Report



Date: 2019-07-26

Flight Campaign ID: 2019_P3C1

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

Domain: 09

Sites Flown: WOOD_DCFS (Woodworth and Dakota Coteau Field School)

Days left in Domain: 5

Report Author: Nick Marusich

Flight Crew: Nick Marusich, Cameron Chapman

Flight Hours: 1st Flight (04:00) 2nd flight (03:11)

Ground/GPS: Cameron Chapman, Nick Marusich

Hours until maintenance: 81.13

Pilots: Dylan Malfatti, Paul Nunemann

Additional Personnel:

GPS Instruments: 03 - FBO_KBIS, 00 - WOOD_DCFS

Summary

With perfect weather conditions forecast and NOGC completed, the Payload 3 crew flew the first flight today in complete green conditions. Following a quick turnaround, the crew flew a second flight and were greeted by increasing cloudy skies that turned from green to yellow conditions.

QAQC backlog from D16 continues and should be complete tomorrow. The RAID will be shipped. Today's flights extraction will be delayed until QAQC backlog is remedied and the RAID disk is ready to ship.

Concerns

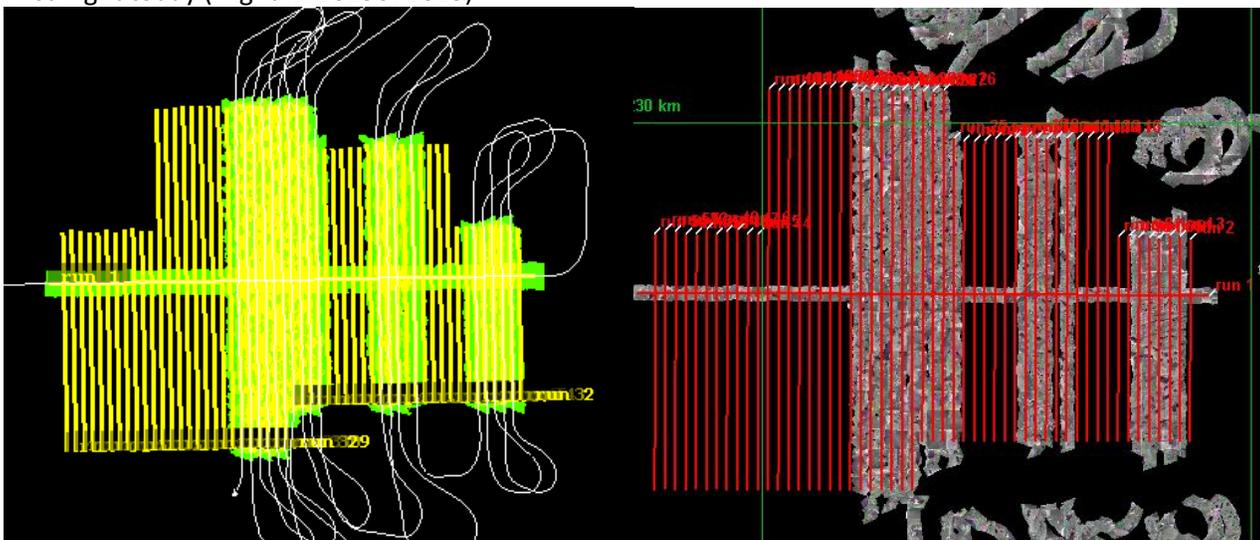
QAQC results and coverage review for NOGC collections are awaiting for reply decisions.

Comments

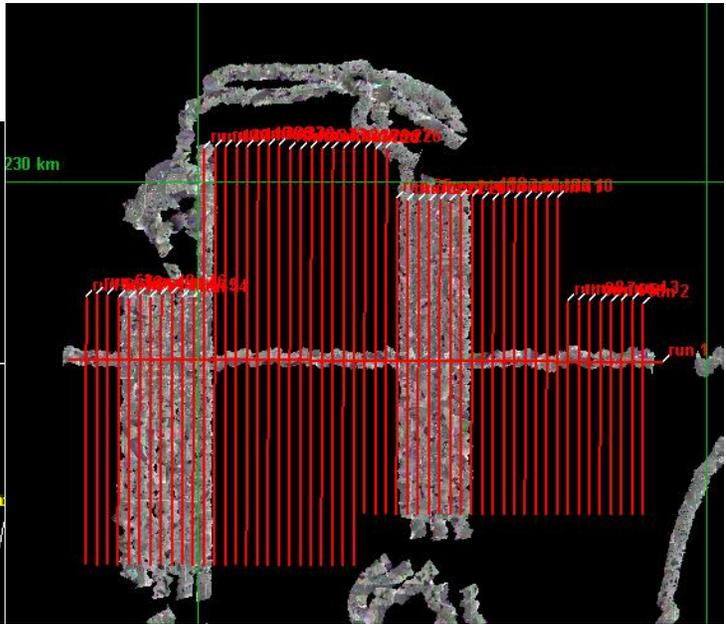
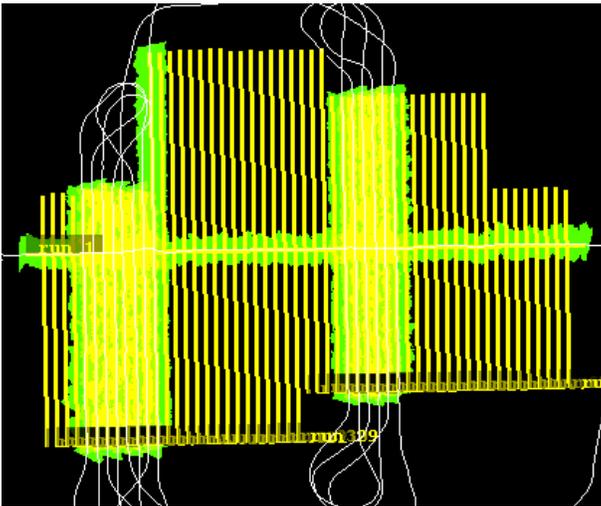
None

Flight Screenshots

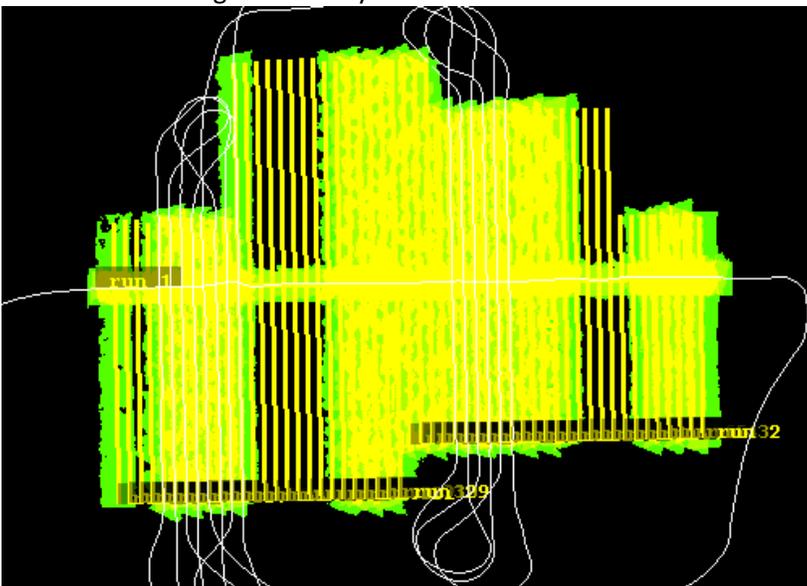
First flight today (Flight ID 2019072613)



Second flight today (Flight ID 2019072619)



Total Lidar coverage for 26 July



Pictures

The beautiful skies over WOOD



Daily Coverage

D09 WOOD_DCFS	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	3				✓	✓	✓	NLC
	4				✓	✓	✓	NLC
	5				✓	✓	✓	NLC
	6				✓	✓	✓	NLC
	7				✓	✓	✓	NLC
	14				✓	✓	✓	NLC
	16				✓	✓	✓	NLC
	17				✓	✓	✓	NLC
	18				✓	✓	✓	NLC
	25				✓	✓	✓	NLC
	26				✓	✓	✓	NLC
	27				✓	✓	✓	NLC
	28				✓	✓	✓	NLC
	29				✓	✓	✓	NLC
	30				✓	✓	✓	NLC
	31				✓	✓	✓	NLC
	32				✓	✓	✓	NLC
	33				✓	✓	✓	NLC
	34				✓	✓	✓	NLC
Flown:	20							

D09 WOOD_DCFS	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	19				✓	✓	✓	NLC
	20				✓	✓	✓	NLC
	21				✓	✓	✓	NLC
	22				✓	✓	✓	NLC
	23				✓	✓	✓	NLC
	24				✓	✓	✓	NLC
	43				✓	✓	✓	NLC
	44				✓	✓	✓	NLC
	45				✓	✓	✓	NLC
	46				✓	✓	✓	NLC
	47				✓	✓	✓	NLC
	48				✓	✓	✓	NLC
	49				✓	✓	✓	NLC
	50				✓	✓	✓	NLC
Flown:	15							

Cumulative Domain Coverage

NOGP

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% (26/26)
 Green: 100% (26/26)
 Yellow: 4% (1/26)
 Red: 0% (0/26)

WOOD_DCFS

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	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52	53	54						

Flown: 69% (37/54)

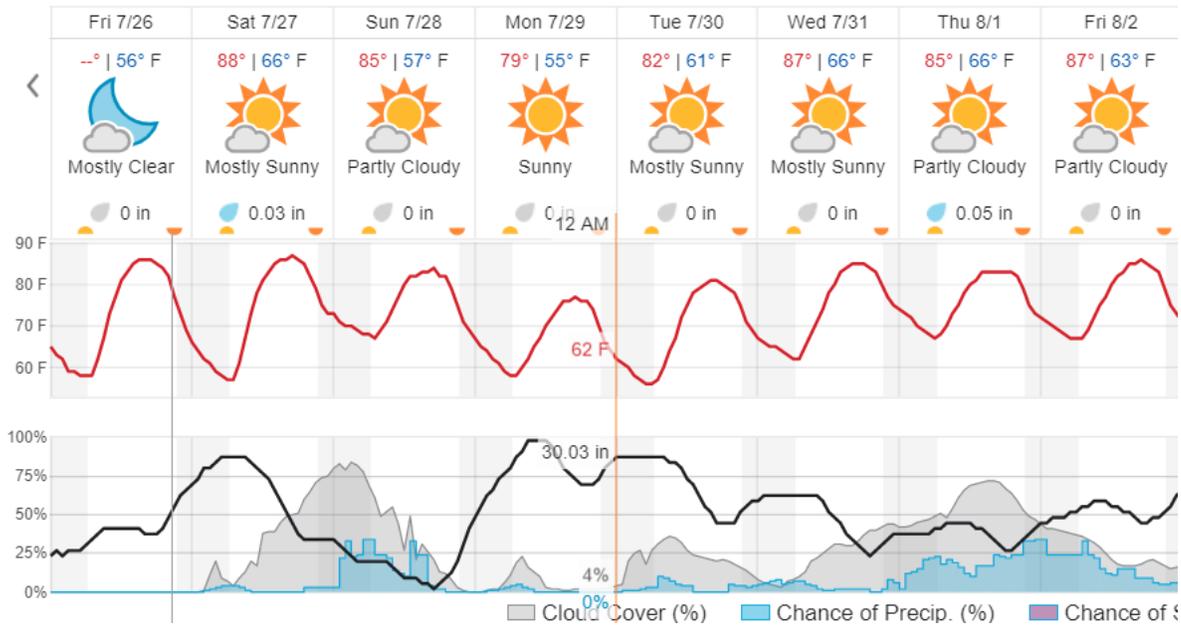
Green: 44% (24/54)

Yellow: 26% (14/54)

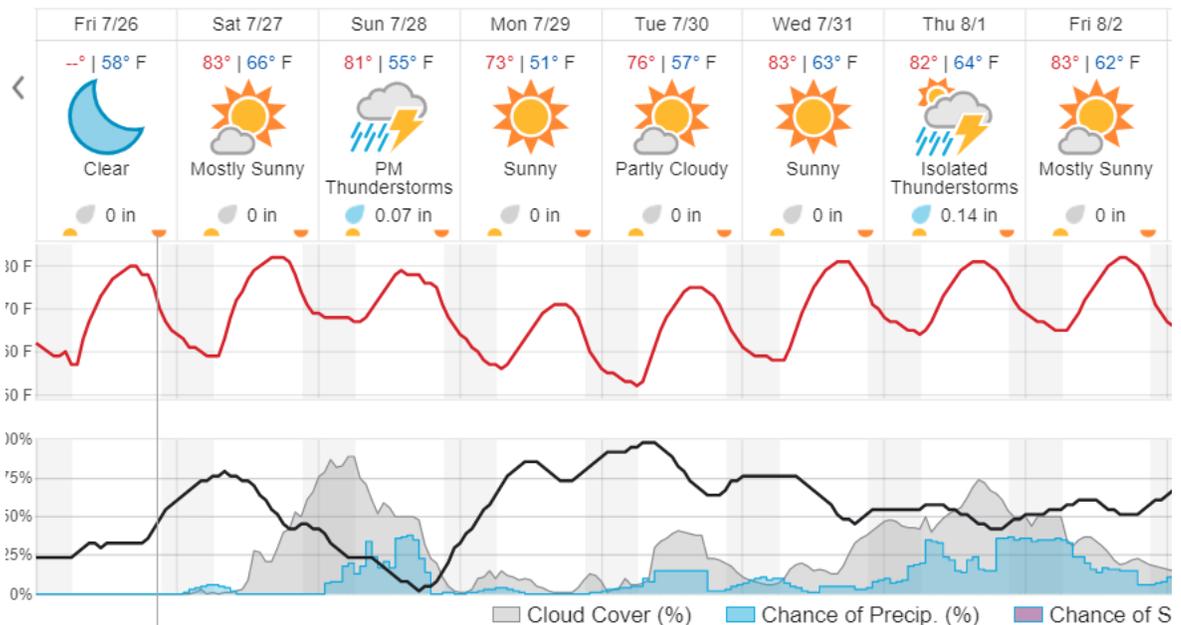
Red: 0% (0/54)

Weather Forecast

Bismark ND



Woodworth ND (WOOD)



Flight Collection Plan for 27 July 2019

Flyority 1:

Collection Area: Woodworth (WOOD) – Dakota Coteau Field School (DCFS)

Flight Plan Name: D09_WOOD_DCFS_C1_P1_v4_Q780

On-station Time: 1520 / 1020L

Flyority 2: *Completed pending QA*

Collection Area: Northern Great Plains (NOGP)

Flight Plan Name: D09_NOGP_R2_P1_v2_Q780

On-station Time: 1530 / 1030L

Crew: Cameron Chapman (Lidar), Nick Marusich (NIS/GPS)