



July 25, 2019 Payload 3 Daily Flight Report



Date: 2019-07-25

Flight Campaign ID: 2019_P3C1

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

Domain: 09

Sites Flown: NOGP (Northern Great Plains)

Days left in Domain: 6

Report Author: Cameron Chapman

Flight Crew: Cameron Chapman, Nick Marusich

Ground/GPS: Cameron Chapman, Nick Marusich

Pilots: Dylan Malfatti, Paul Nunemann

Additional Personnel: None

GPS Instruments: 03 - FBO_KBIS

Flight Hours: 02:10

Hours until maintenance: 88.32

Summary

Cloudy skies this morning over Bismarck/ Mandan slowly cleared by the afternoon allowing for a 'Green' collect over the Northern Great Plains Survey area. The Woodworth / Dakota Coteau Field School site remained cloudy throughout the day.

Concerns

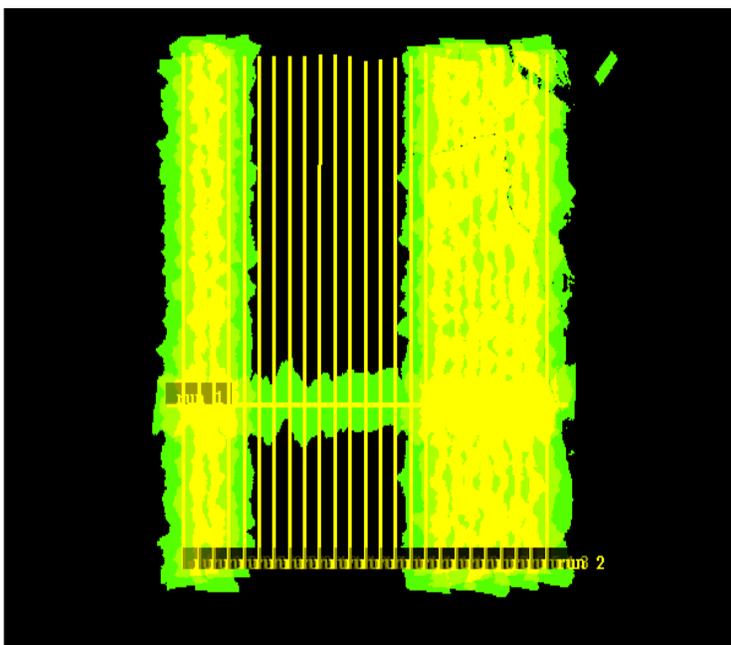
- None

Comments

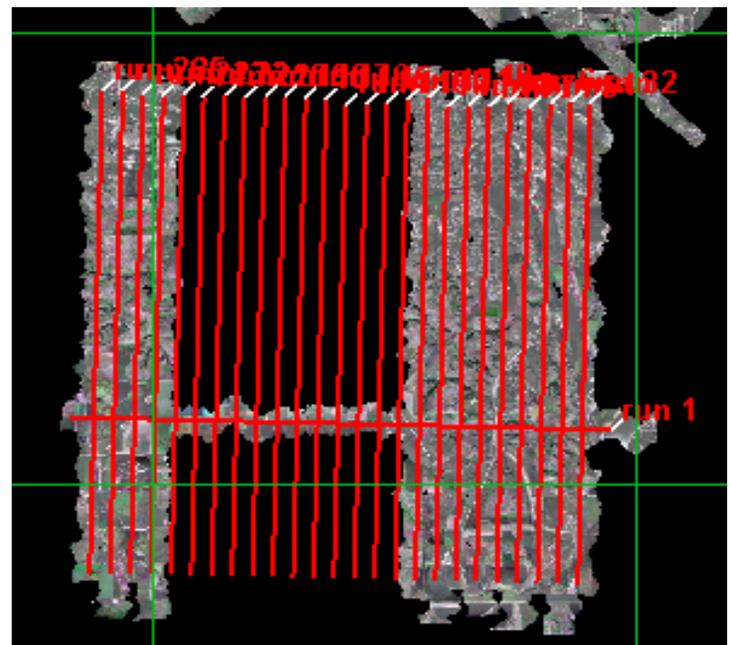
- A tour of the AOP is scheduled for 10am on Aug 1st with the D09 crew!
- NOGP completed pending QA check.

Flight Screenshots

Lidar (NOGP)



NIS (NOGP)



Pictures

The Great Plains of North Dakota (NOGP)



Daily 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
	23				✓	✓	✓	NLC
	24				✓	✓	✓	NLC
	25				✓	✓	✓	NLC
	26				✓	✓	✓	NLC
Flown:	14							

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)

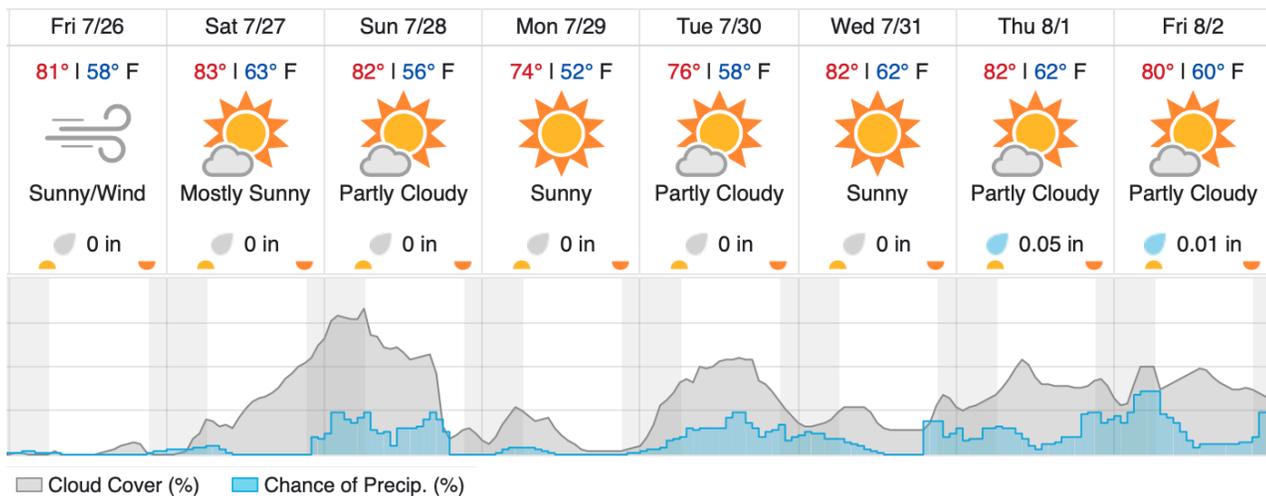
WOOD_DCFS

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						

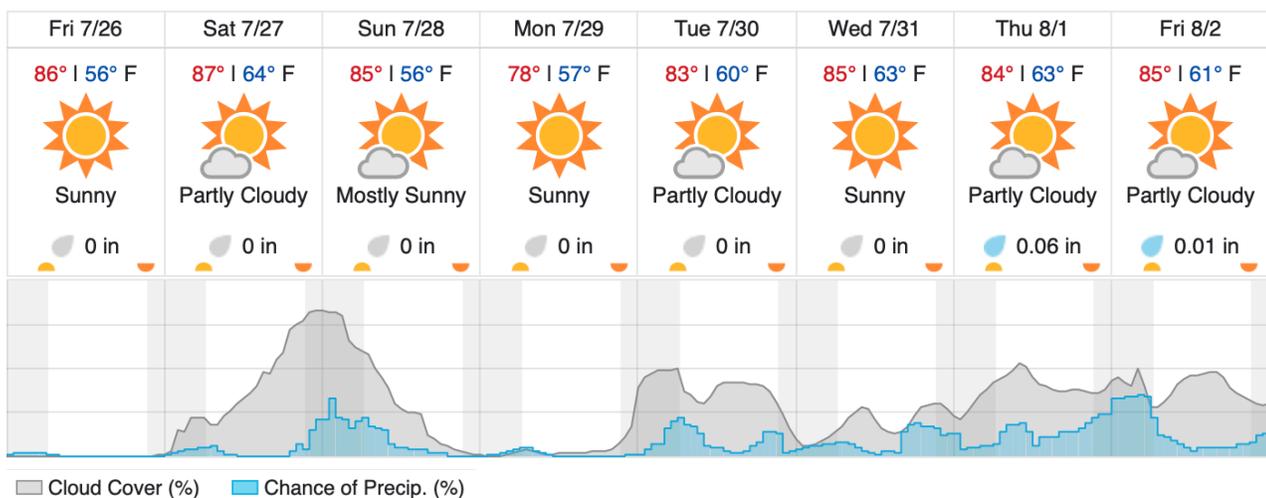
Flown: 6% (3/54)
 Green: 2% (1/54)
 Yellow: 4% (2/54)
 Red: 0% (0/54)

Weather Forecast

Woodworth, ND



Bismarck, ND



Flight Collection Plan for 26 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: Nick Marusich (Lidar), Cameron Chapman (NIS/GPS)

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)