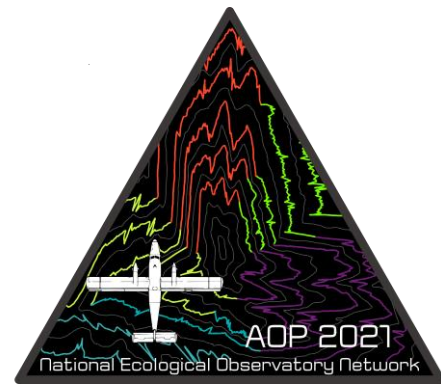




Payload 3 Daily Flight Report



Date: 2021-06-13

Flight Campaign ID: P3C1

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

Aircraft: N615AR

Domain: 09 (Northern Plains)

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

Days left in Domain: 18

Report Author: Abe Morrison

Lidar Operators: Abe Morrison

Flight Hours: 03:16:00, 00:43:00

Spectrometer Operators: Mitch Haynes

Hours until maintenance: 89.88

Pilots: Stephen Brawders, Will Mathews

GPS Instruments: 04 - FBO_KBIS, AOP_WOOD

Summary

The crew received another glorious day today. The WOOD/DCFS flight box was completed in “green” sky conditions today. Focus will now be turned to the NOGP flight box which looks like it will be able to be completed tomorrow.

Concerns

-The D: drive on hotel kit 3 is almost full. Todays flight will be the last we can put on it. We are currently waiting for approval to clear some old raid disks off the D: drive.

Comments

None

Daily Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

D09|WOOD_DCFS

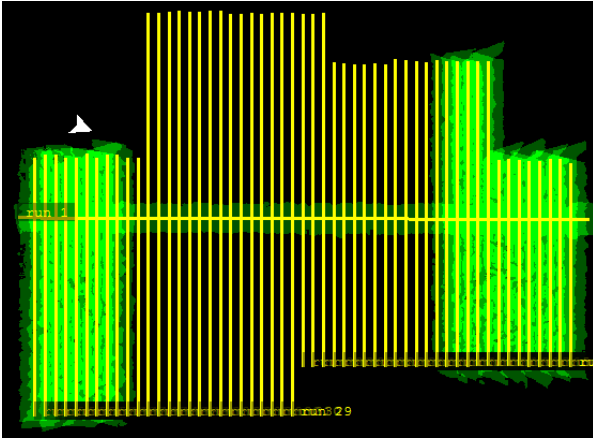
Line #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	46	47	48	49	50	51
Lidar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spectrometer		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Camera	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cloud Cover																				

Line #	52	53	54
Lidar	✓	✓	✓
Spectrometer	✓	✓	✓
Camera	✓	✓	✓
Cloud Cover			

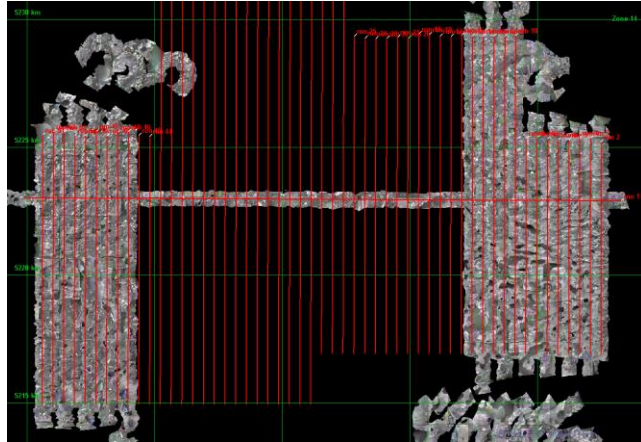
Total number of lines flown: 23

Flight Screenshots

Lidar



NIS



Cumulative Domain Coverage

D09 | NOGP (Northern Great Plains)

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)

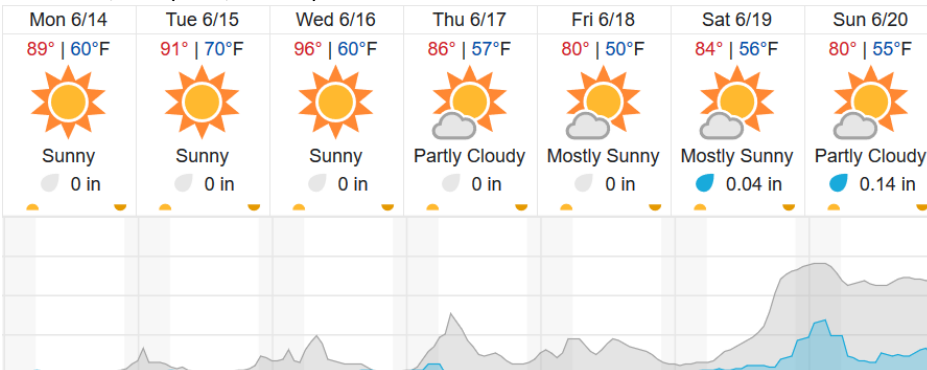
D09 | WOOD_DCFS (Woodworth and Dakota Coteau Field School)

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: 100% (54/54)
 Green: 100% (54/54)
 Yellow: 0% (0/54)
 Red: 0% (0/54)

Weather Forecast

Bismarck, ND (FBO, NOGP)



Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for June 14 2021

Flyority 1

Collection Area: Northern Great Plains (NOGP)

Flight Plan Name: D09_NOGP_R2_P1_v2_Q780

On-station Time: 15:00 UTC / 10:00 L

Flight Crew: Abe, Mitch