



Payload 1 Daily Flight Report



Date: 2026-06-30

Flight Campaign ID: P1C1

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

Aircraft: N537AR

Domain: 09 (Northern Plains)

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

Days left in Domain: 2

Report Author: Cameron

Lidar Operators: Cameron

Flight Hours: 04:09:00, 01:40:00

Spectrometer Operators: John

Hours until maintenance: 75.80

Pilots: Jeff, Troy

GPS Instruments: AOP_WOOD, S-NDBM

Summary

Capitalizing on a windy but clear morning, the crew flew the remaining 40 lines to complete initial coverage at WOOD_DCFS under mixed cloud conditions.

Concerns

- None

Comments

- A TFR will be in place at KBIS tomorrow. Ramp / hangar access will also be restricted.

Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (*)

D09|WOOD_DCFS

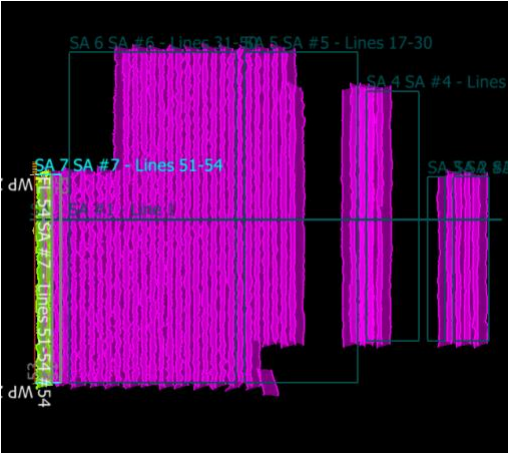
Line #	3	4	5	6	7	14	15	16	17	18	24	25	26	27	28	29	30	31	32	33
Lidar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spectrometer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Camera	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cloud Cover																				

Line #	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
Lidar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spectrometer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Camera	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cloud Cover																				

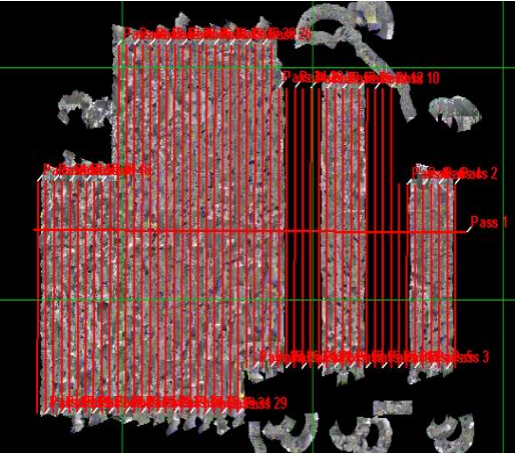
Total number of lines flown: 40

Flight Screenshots

Lidar



NIS



Pictures: Clear skies over WOOD_DCFS This morning.



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														

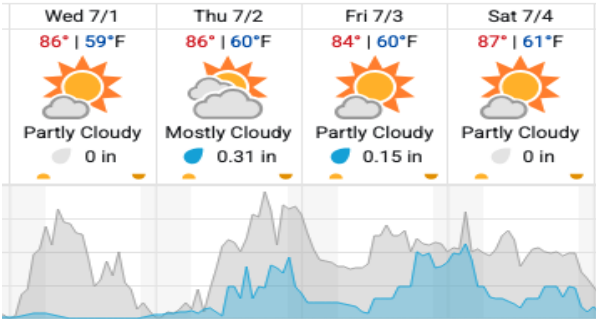
Flown: 100% (26/26)
Green: 100% (26/26)
Yellow: 0% (0/26)
Red: 0% (0/26)
* Flown within 35deg solar angle

D09|WOOD_DCFS (Woodworth and Dakota Coteau Field School)

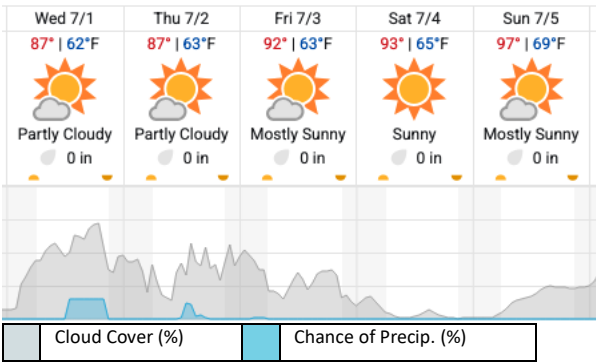
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52	53	54						

Flown: 100% (54/54)
Green: 46% (25/54)
Yellow: 13% (7/54)
Red: 39% (21/54)
* Flown within 35deg solar angle

Weather Forecast
Bismarck, ND (NOGP)



Salt Lake City, UT



source: wunderground.com

Flight Collection Plan for 01 July 2026
- *TFR at KBIS, No planned flight activity*

Crew: John, Cameron