



Payload 2 Daily Flight Report



Date: 2025-06-10

Flight Campaign ID: P2C1

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

Aircraft: N615AR

Domain: 09 (Northern Plains)

Sites Flown: None

Days left in Domain: 16

Report Author: Alyssa

Lidar Operators: Alyssa

Flight Hours: 00:00

Spectrometer Operators: Elissa **Hours until maintenance:** 79.10

Pilots: Jacob, Vince

Ground Crew: Andrew

Summary

Andrew joined us at the FBO to fix the axe relay issues. We spent the day working on the axe, testing the ground and survey circuits, and pumping and cooling the NIS.

Concerns

Comments

Planning on doing some ground tests tomorrow and possibly a lidar training flight, weather permitting.

Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (*)

Pictures



Pretty cloudy and smokey most of the day anyways

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)
* Flown within 35deg solar angle

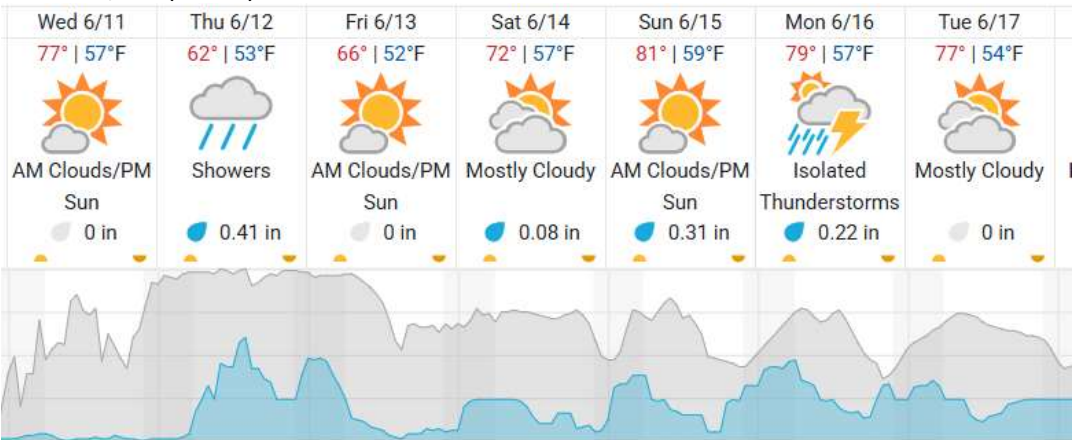
D09 | WOOD_DCFS (Woodworth and Dakota Coteau Field School)

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						

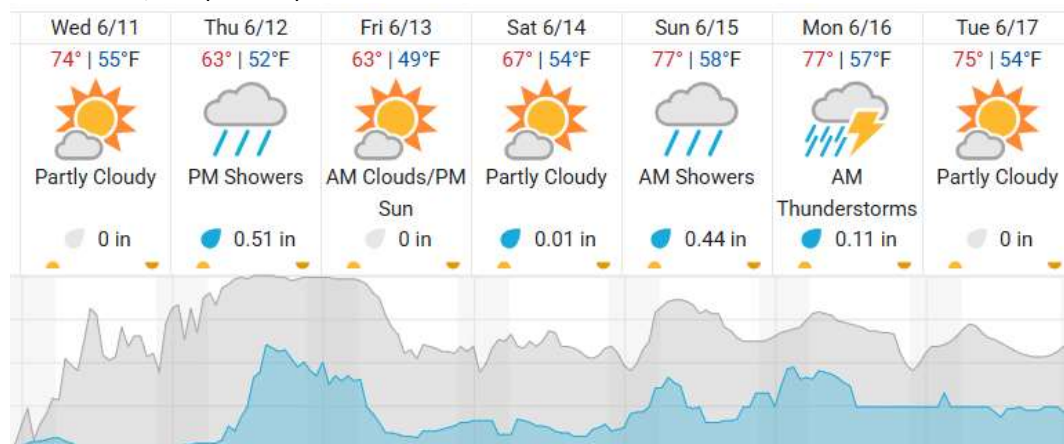
Flown: 0% (0/54)
Green: 0% (0/54)
Yellow: 0% (0/54)
Red: 0% (0/54)
* Flown within 35deg solar angle

Weather Forecast

Bismarck, ND (NOGP)



Jamestown, ND (WOOD)



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

Flight Collection Plan for 11 June 2025

Flyority 1

Northern Great Plains (NOGP)

Flight Plan Name: D09_NOGP_R2_P1_v3_VQ780

On-Station Time: (35 degrees): 1440 UTC / 0940 L

Flyority 2

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

Flight Plan Name: D09_WOOD_DCFS_C1_P1_v5_VQ780

On-Station Time: (35 degrees): 1430 UTC / 0930 L

Flyority 3

Lidar training flight.

Crew: Elissa (Lidar), Alyssa (NIS)