



Payload 2 Daily Flight Report

Date: 2025-06-16

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: 10

Report Author: Alyssa

Lidar Operators: **Flight Hours:** 00:00

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

Pilots: Vince, Jacob

Ground Crew: Elissa, Alyssa

Summary

NIS continued cooling/pumping, no flights.

Concerns

Heating/Equilibrate mode did not start automatically. 'Effect New Config' in NGIS host did not fix it this time, Brendan stopped cooling and then restarted after letting it warm above setpoint. After cooling again, it went into equilibrate mode on its own.

Comments

Cameron has arrived in D09!

Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (*)

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)

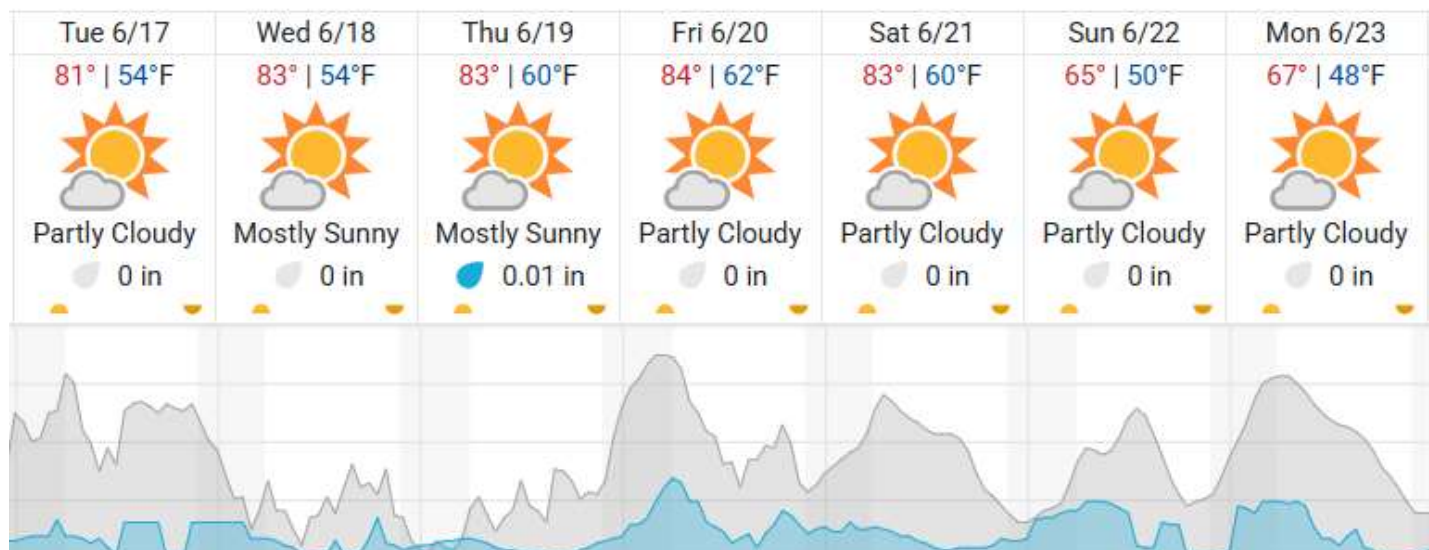
Yellow: 0% (0/54)

Red: 0% (0/54)

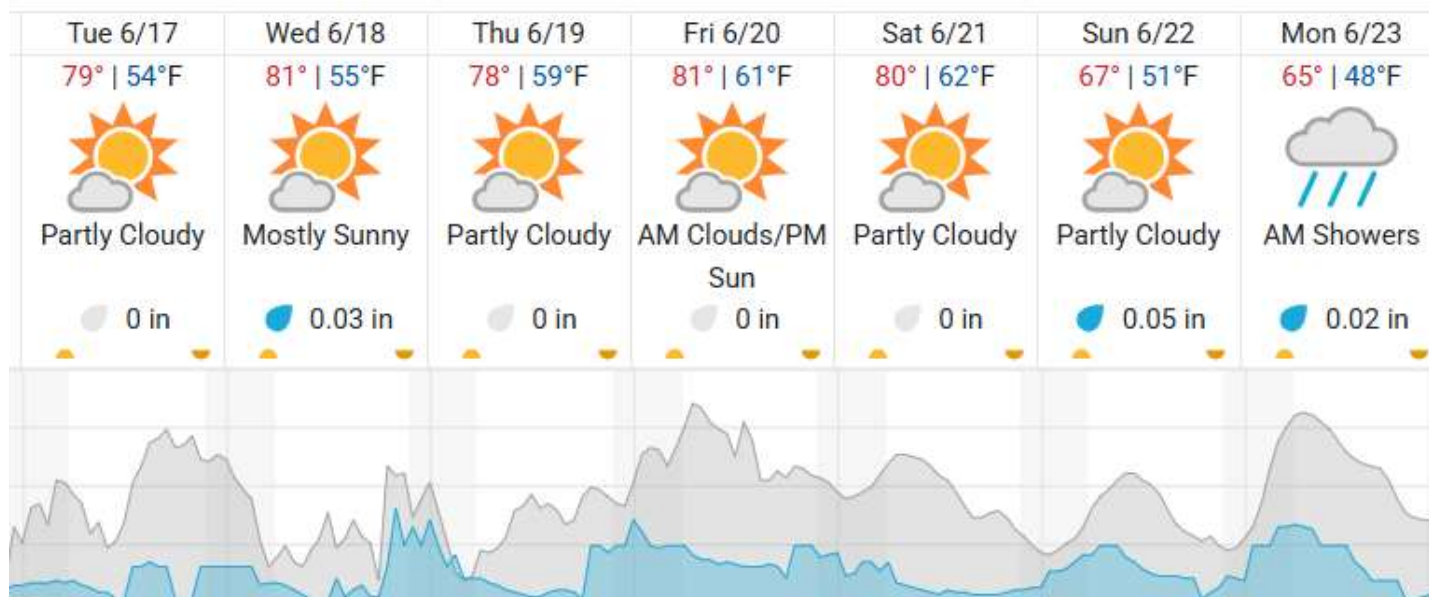
* Flown within 35deg solar angle

Weather Forecast

Bismarck, ND (NOGP)



Jamestown, ND (WOOD, DCFS)



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

Flight Collection Plan for 17 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 (Lidar - training)