



Payload 3 Daily Flight Report



Date: 2023-06-21
Flight Campaign ID: P3C1
Airport, FBO ID, City: Bismarck Municipal Airport (KBIS) - Bismarck, ND
Aircraft: N934MU

Domain: 09 (Northern Plains)
Sites Flown: None
Days left in Domain: 12

Report Author: Abe
Lidar Operators: Abe **Flight Hours:** 00:00
Spectrometer Operators: Cameron **Hours until maintenance:** 30.02
Pilots: Jeff, Jon

Summary

Thunderstorms and overcast throughout the region kept the crew on the ground today. No collections were made.

Concerns

None

Comments

- Last night during a local thunderstorm, the airport lost power for about an hour. This depleted the battery backups and sent the system into safe mode. Cam and Abe made a late-night journey to the hangar to restart the system, and it was ready for flights by this morning.
- The failed sherpa was replaced with a unit sent to us from P1. All seems to be working now with the telemetry system.
- Hotel Kit 5 was shipped back to the PIF today.
- The vacuum pump was shipped back to the PIF today.

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)

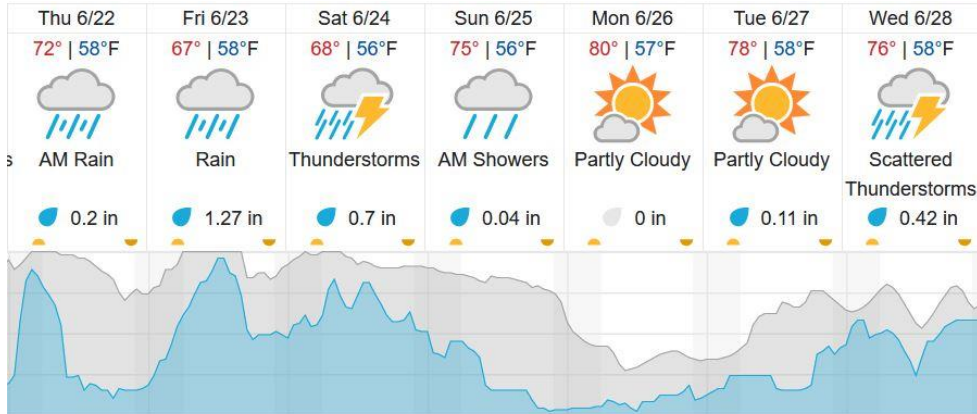
D09 | WOOD_DCFS (Woodworth and Dakota Coteau Field School)

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						

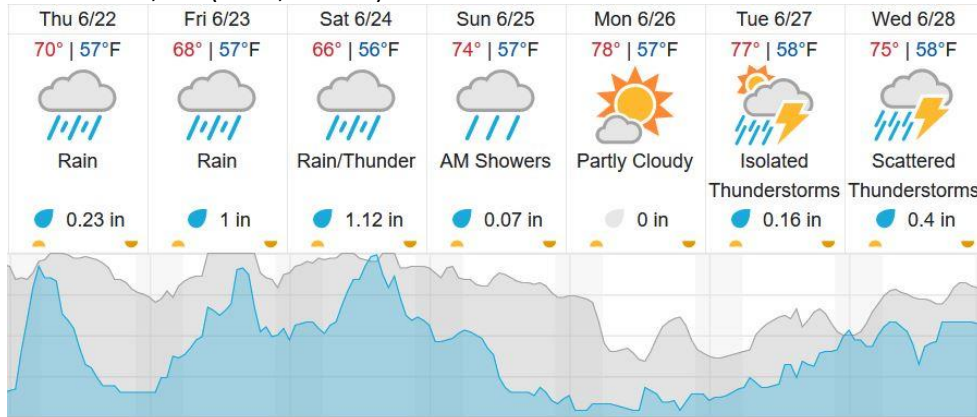
Flown: 17% (9/54)
 Green: 15% (8/54)
 Yellow: 2% (1/54)
 Red: 0% (0/54)

Weather Forecast

Bismarck, ND (NOGP)



Woodworth, ND (DCFS, WOOD)



source: wunderground.com

Flight Collection Plan for June 22, 2023

Flyority 1

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

Flight Plan Name: D09_WOOD_DCFS_C1_P1_v4_Q780

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

Flyority 2

Collection Area: Northern Great Plains (NOGP)

Flight Plan Name: D09_NOGP_R2_P1_v2_Q780

On-Station Time: 15:10 UTC/ 10:10 L

Crew: Cameron (Lidar), Matt (NIS)