



## Payload 2 Daily Flight Report



**Date:** 2020-06-19

**Flight Campaign ID:** P2C1

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

**Domain:** 09 (Northern Plains)

**Sites Flown:** None

**Days left in Domain:** 13

**Report Author:** Michael Wussow

**Lidar Operators:** Michael Wussow

**Flight Hours:** 1:02

**Spectrometer Operators:** Robb Walker

**Hours until maintenance:** 90.37

**Pilots:** Stephen Brawders, Will Matthews

**GPS Instruments:** None

### Summary

The P2 hit the ground this morning with clear skies and a favorable forecast. During takeoff, low cumulus clouds developed in a matter of minutes at NOGP just prior to 40° sun angle. Not to be sent back immediately, the WOOD and DCFS box was visited only to find low cumulus building there as well, thwarting any collection efforts. The clouds stuck around and no data was able to be collected today. The good news is that systems are working top notch and the pilots are happy they got to fly, even if only for one hour.

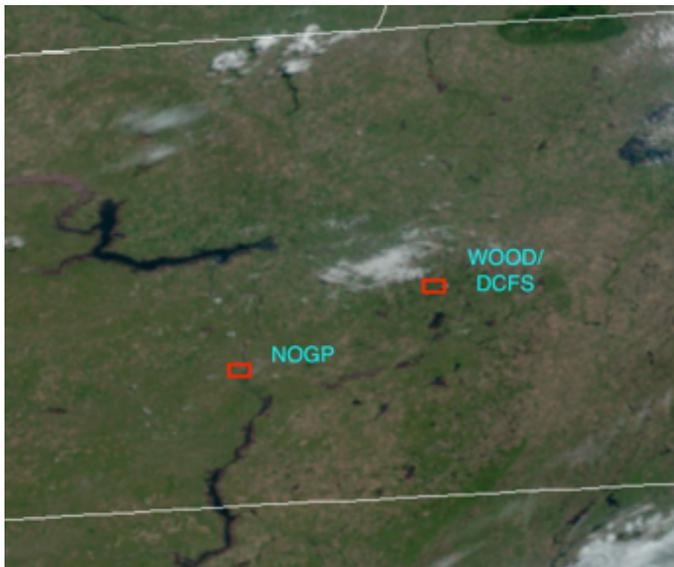
### Concerns

None

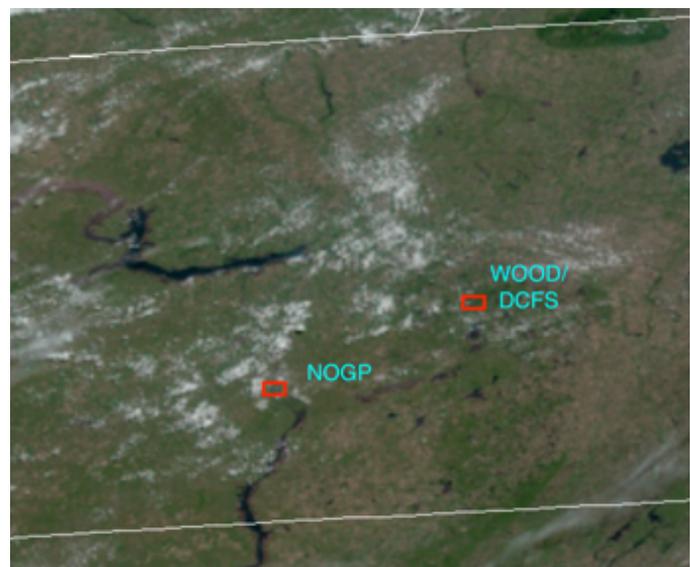
### Comments

None

### Pictures:



Takeoff decision time



Just after takeoff

## Cumulative Domain Coverage

### Estimated Cloud Cover Key

Green: 0-10%	Yellow: 11-50%	Red: >50%
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### D09 | N09A (D09 Nominal Runway)

1

Flown: 100% (1/1)  
 Green: 0% (0/1)  
 Yellow: 0% (0/1)  
 Red: 100% (1/1)

### 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)

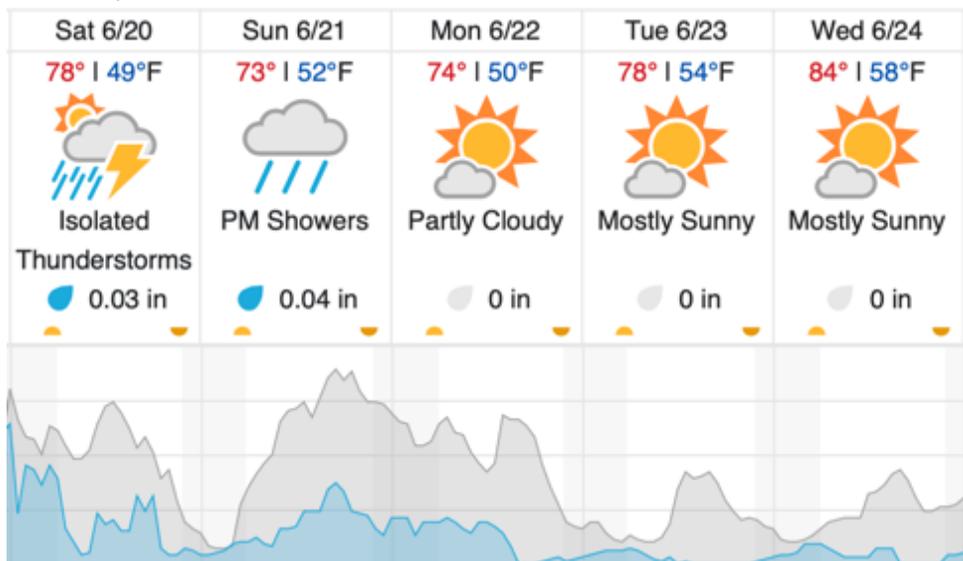
### D09 | WOOD\_DCFS (Woodworth and Dakota Coteau Field School )

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							

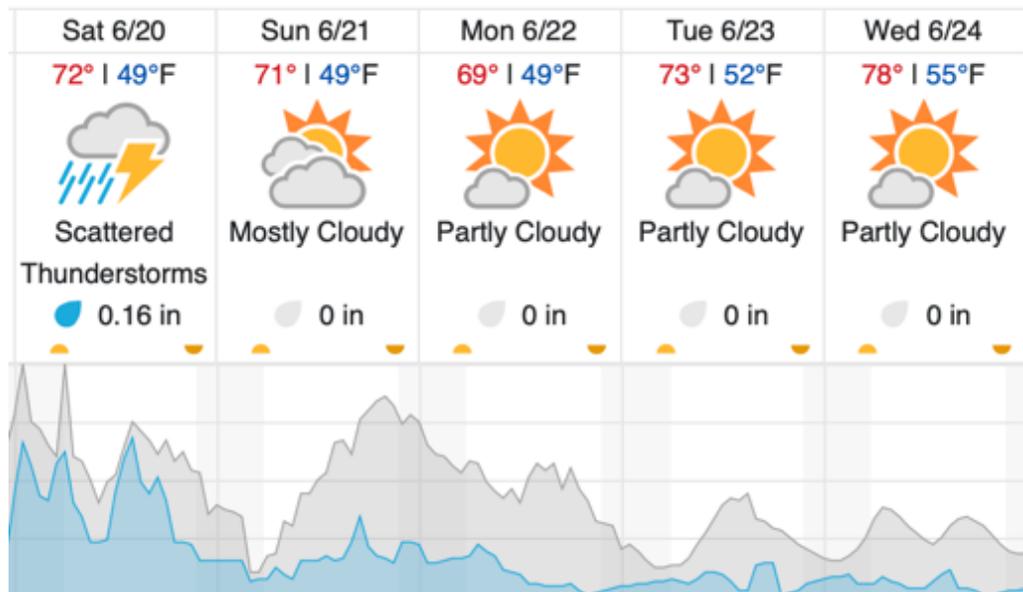
Flown: 24% (13/54)  
 Green: 0% (0/54)  
 Yellow: 0% (0/54)  
 Red: 24% (13/54)

## Weather Forecast

### Bismarck, ND



## Woodworth, ND



### Flight Collection Plan for 20-21 June 2020

#### Flyority 1

Collection Area: Northern Great Plains (NOGP)

Flight Plan Name: D09\_NOGP\_R2\_P1\_v1.pln

On-station Time: 1010 – 1720 Local / 1510 – 2220 UTC

#### Flyority 2

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

Flight Plan Name: D09\_WOOD\_DCFS\_C1\_P1\_v3.pln

On-station Time: 1000 – 1720 Local / 1500 – 2220 UTC