



# Payload 2 Daily Flight Report



**Date:** 2020-06-29  
**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:** 3

**Report Author:** Michael Wussow  
**Lidar Operators:** Michael Wussow  
**Spectrometer Operators:** Robb Walker **Hours until maintenance:** 76.47  
**Pilots:** Stephen Brawdgers, Chad Evans

### Summary

A mixture of circulating cumulus, cirrus, and stratus clouds occupied the survey area. With possible “green-up” flights remaining, conditions were not suitable for a flight.

### Concerns

None

### Comments

None

### Cumulative Domain Coverage

#### Estimated Cloud Cover Key

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

#### 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 |   |   |   |    |    |    |    |    |    |    |    |    |    |    |

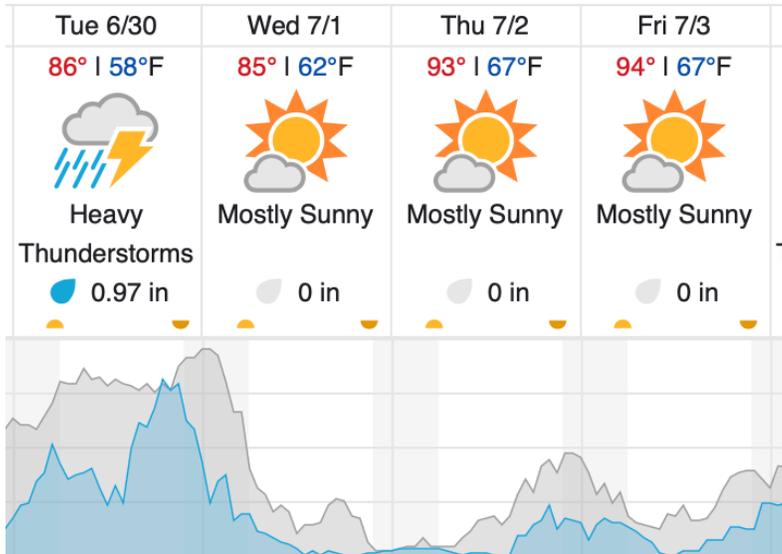
Flown: 100% (26/26)  
Green: 88% (23/26)  
Yellow: 12% (3/26)  
Red: 0% (0/26)

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

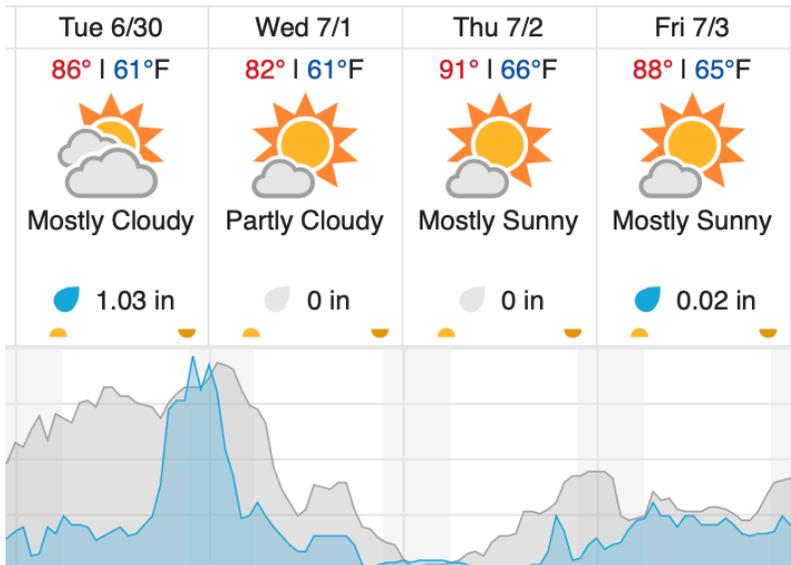
|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 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: 100% (54/54)  
 Green: 31% (17/54)  
 Yellow: 17% (9/54)  
 Red: 52% (28/54)

**Weather Forecast**  
**Bismarck, ND**



**Woodworth, ND**



|  |                 |  |                       |
|--|-----------------|--|-----------------------|
|  | Cloud Cover (%) |  | Chance of Precip. (%) |
|--|-----------------|--|-----------------------|

**Flight Collection Plan for 30 June – 01 July 2020**

**Flyority 1**

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

\*Lines 8-13, 19-38, and 46-54 if clear conditions exist