

#### 2017\_P1C1 Daily Report



Flight Campaign ID: 2017\_P1C1

FBO ID & City: Boulder Municipal Airport (KBDU) -

Boulder, CO **Domain:** 10

Sites Flown: RMNP Days left in Domain: 2 Flight Hours: 02:38

Hours until maintenance: 79.07

Date: 2017-07-13

**Report Author:** Mitch Haynes

Pilots: Justin Eddington, Jared Kadis

Flight Crew: Mitch Haynes, Doug Cavender Ground/GPS: Cameron Chapman, Ivana Vu

**Additional Personnel:** 

#### **GPS Instruments:**

03 - FBO-KBDU, 05 - RMNP

### **Summary:**

Completed 13 lines (some green, some yellow, some red) at the RMNP Priority 1 flight box before cumulus clouds formed at flight altitude forcing the crew to abort collect.

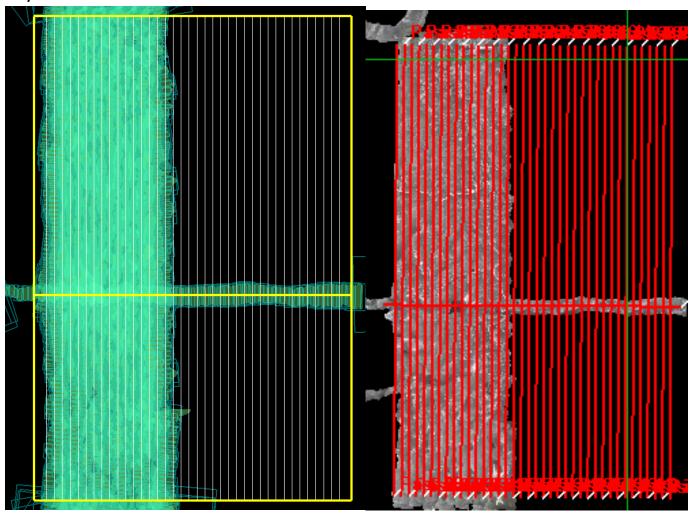
## **Issues/Concerns:**

Camera Assertion error forced reboot of D-Ops on first line of collect. After reboot, camera collected successfully.

#### **Comments:**

- Received permission just before sun angle to fly RMNP Priority 1.
- Completed lines 25-27 (red), 28-35 (yellow), and 36-38).

# NIS/Lidar Screenshot



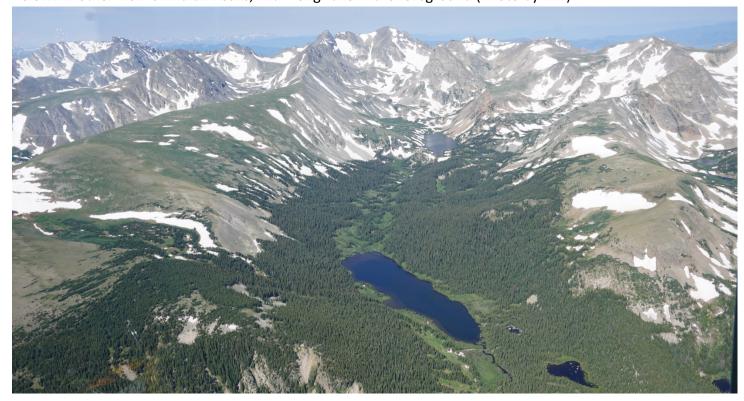
# **Domain Coverage**

| D10 RMNP   | Line   | SpecG | SpecY | SpecR | NIS | Lidar | Camera | Cumulative |
|------------|--------|-------|-------|-------|-----|-------|--------|------------|
|            | 1      |       |       |       |     |       |        | NLC        |
|            | 24     |       |       |       | Χ   |       |        | LC         |
|            | 25     |       |       |       |     |       |        | NLC        |
|            | 26     |       |       |       |     |       |        | NLC        |
|            | 27     |       |       |       |     |       |        | NLC        |
|            | 28     |       |       |       |     |       |        | NLC        |
|            | 29     |       |       |       |     |       |        | NLC        |
|            | 30     |       |       |       |     |       |        | NLC        |
|            | 31     |       |       |       |     |       |        | NLC        |
|            | 32     |       |       |       |     |       |        | NLC        |
|            | 33     |       |       |       |     |       |        | NLC        |
|            | 34     |       |       |       |     |       |        | NLC        |
|            | 35     |       |       |       |     |       |        | NLC        |
|            | 36     |       |       |       |     |       |        | NLC        |
|            | 37     |       |       |       |     | Χ     |        | NC         |
|            | 38     |       |       |       |     |       |        | NLC        |
| Completed: | (3/16) |       |       |       |     |       |        | 8.33%      |

## **Pictures:**



Above: Puffy cumulus clouds above the Indian Peaks Wilderness and the Continental Divide (Photo by DC). Below: Another view of Indian Peaks, with Long Lake in the foreground (Photo by MH)

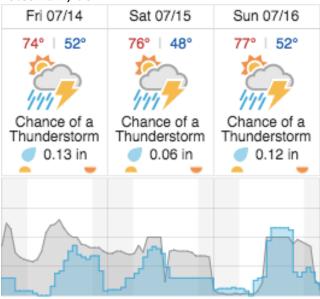




Above: Longs Peak (Photo by MH)

## **Weather Forecast**

Estes Park, CO



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

## Flight Collection Plan for 14 July 2017

### Flyority 1:

Collection Area: Rocky Mountain National Park – Priority 1 Flight Box

Flight Plan Name: D10\_RMNP\_R2\_P2\_v3\_650AGLmax.pln (If Green, lines 20-35, 39. If non-green, lines 20-24 and 39.)

On Station: 0930L / 1530 UTC

Crew: Doug Cavender, Matt Devoe

Ground / GPS: Mitch Haynes

# Flight Collection Plan for 15 July 2017

## Flyority 1:

Collection Area: Rocky Mountain National Park – Priority 1 Flight Box

Flight Plan Name: D10\_RMNP\_R2\_P2\_v3\_650AGLmax.pln (If Green, lines 20-35, 39. If non-green, lines 20-24 and 39.)

On Station: 0930L / 1530 UTC

Crew: Doug Cavender, Mitch Haynes Ground / GPS: Cameron Chapman