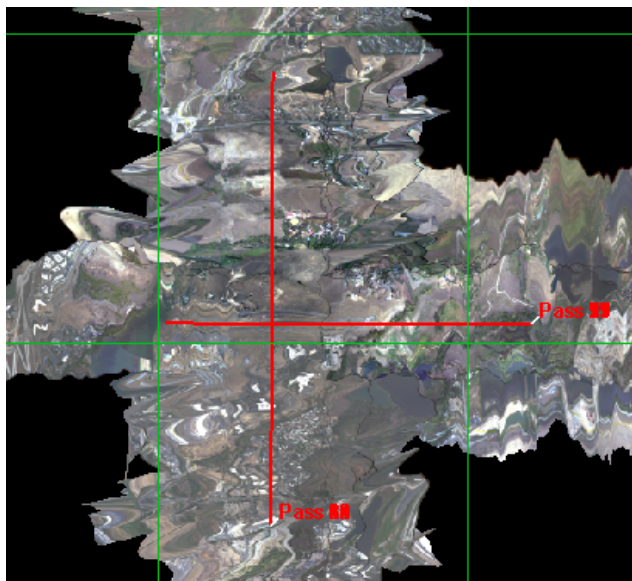
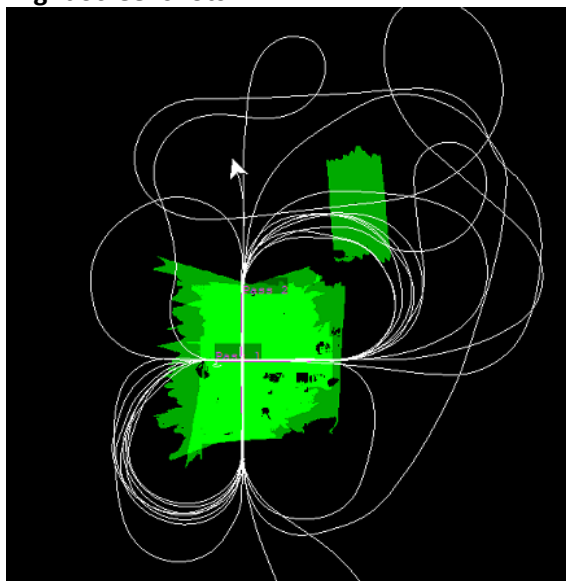


[illegible]

|              |    |
|--------------|----|
| Line #       | 26 |
| Lidar        | ✓  |
| Spectrometer | ✓  |
| Camera       | ✓  |
| Cloud Cover  |    |

Total number of lines flown: 21

### Flight Screenshots



### Pictures



Boulder from 15,000 feet MSL.

## Cumulative Domain Coverage

### D00|B10E (Riegl Boresight Calibration - 1600m, 1000m, 500m)

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|

Flown: 100% (20/20)

Green: 100% (20/20)

Yellow: 0% (0/20)

Red: 0% (0/20)

\* Flown within 35deg solar angle

### D00|H10C (NEON Headquarters Lidar Test - Riegl)

|   |   |   |   |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
|---|---|---|---|

Flown: 100% (4/4)

Green: 100% (4/4)

Yellow: 0% (0/4)

Red: 0% (0/4)

\* Flown within 35deg solar angle

### D00|N10D (Nominal Runway at KBDU - Riegl VQ780 II S)

|    |    |    |    |    |    |   |   |   |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|
| 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: 19% (5/26)

Yellow: 0% (0/26)

Red: 81% (21/26)

\* Flown within 35deg solar angle

### D00|R10D (Boulder Airport Radiometric Calibration)

|   |   |   |   |   |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|

Flown: 100% (5/5)

Green: 100% (5/5)

Yellow: 0% (0/5)

Red: 0% (0/5)

\* Flown within 35deg solar angle

### D00|W10C (Wiggle Timing Test - Riegl)

|   |   |
|---|---|
| 1 | 2 |
|---|---|

Flown: 100% (2/2)

Green: 100% (2/2)

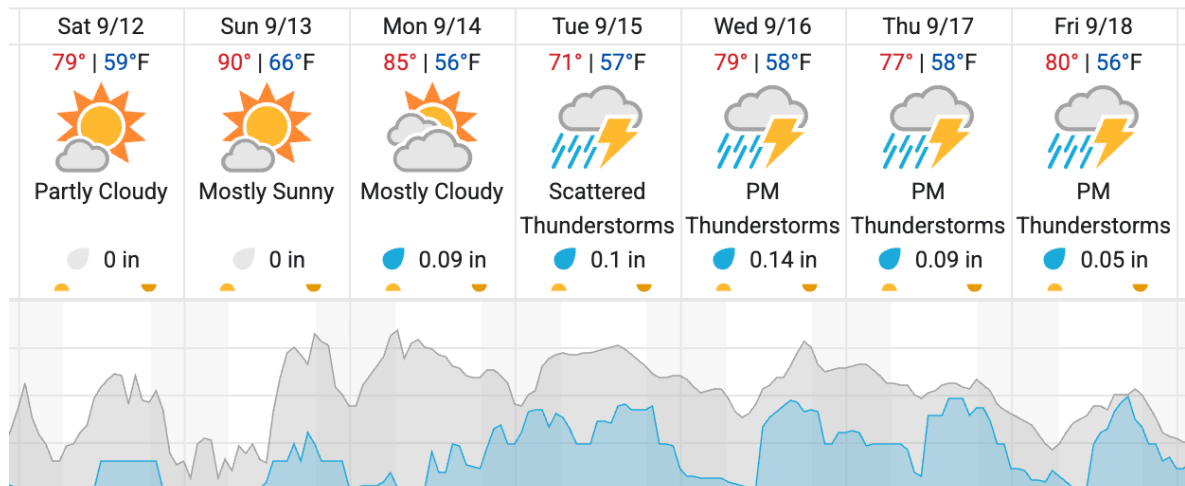
Yellow: 0% (0/2)

Red: 0% (0/2)

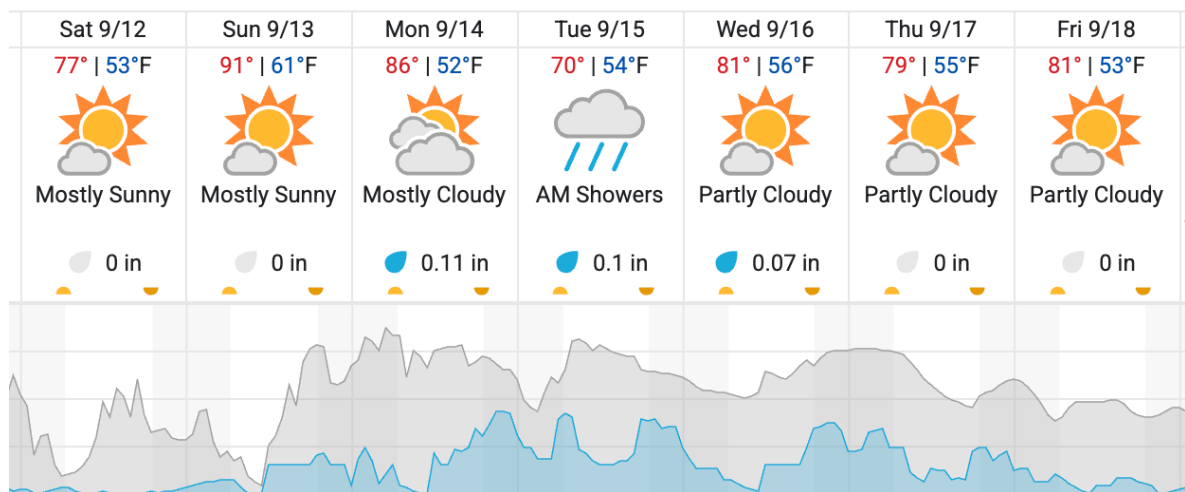
\* Flown within 35deg solar angle

## Weather Forecast

Boulder, CO (KBDU)



Nunn, CO (CPER)



source: wunderground.com

## Flight Collection Plan for 12 September 2026

### Flyority 1

Collection Area: Central Plains Ecological Range (CPER)

Name: D10\_CPER\_C1\_P1.rpp

On-Station Time: 16:20 UTC / 10:20 L

**\*If approved and under green conditions only**

**Crew:** Alyssa (Lidar), Cameron (NIS), Mike (Ground)