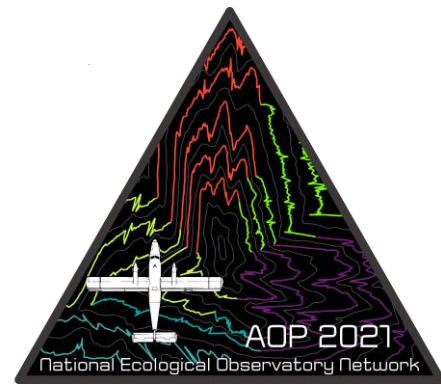




Payload 3 Daily Flight Report



Date: 2021-09-15

Flight Campaign ID: P3C1

Airport, FBO ID, City: Scottsdale Municipal Airport (KSDL) - Scottsdale, AZ, Four Corners Regional Airport (KFMN) – Farmington, NM, Boulder Municipal Airport (KBDU) – Boulder, CO

Aircraft: N615AR

Domain: 00

Sites Flown: R10C

Days left in Domain: 9

Report Author: Abe Morrison

Lidar Operators: Abe Morrison

Spectrometer Operators: Matt DeVoe

Pilots: Scott Hayward, Will Mathews

Flight Hours: 1:49, 2:30

Hours until maintenance: 15.53

GPS Instruments: AOP-KBDU

Summary

The otter was transited back to Boulder today for end of season calibrations flights. Before landing at KBDU the Rad Cal flight was conducted. 5 lines were collected in “green” sky conditions

Concerns

-The database is not generating the daily report.

Comments

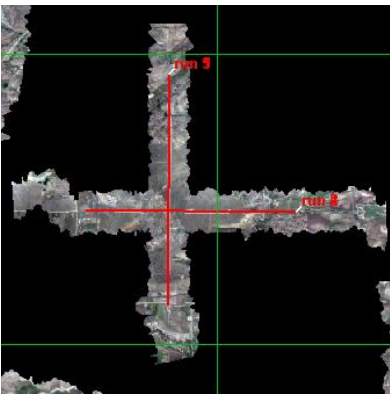
None

Daily Coverage

Unavailable

Flight Screenshots

NIS

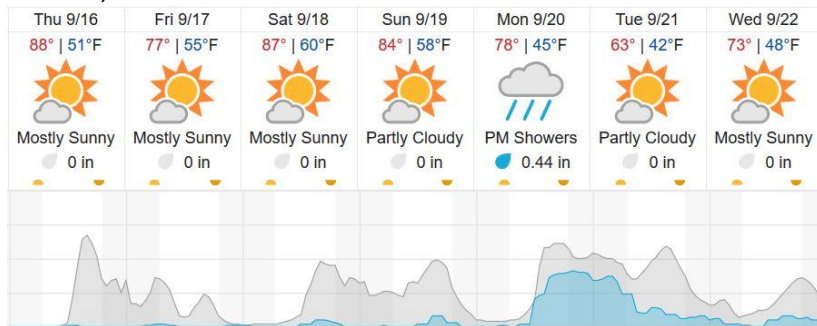


Cumulative Domain Coverage

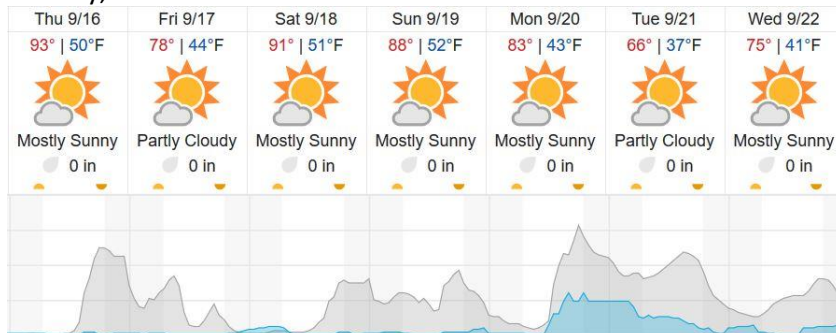
Unavailable

Weather Forecast

Boulder, CO



Greeley, CO



source: wunderground.com

Flight Collection Plan for 15 September 2021

Flyority 1

Collection Area: Boresight Calibration – Greeley, CO
Flight Plan Name: D10_B10E_Boresight_1600m_Q780
Flight Plan Name: D10_B10E_Boresight_1000m_Q780
Flight Plan Name: D10_B10E_Boresight_500m_Q780
On-station Time: 15:30 UTC / 09:30 L

Flyority 2

Collection Area: Nominal Runway Survey Flight Plan
Name: D10_N10D_Nominal_Rnwy_v8_Q780
On-Station Time: Daylight – No solar angle restrictions.
Additional Considerations: Runway should not be wet.

Flyority 3

Collection Area: Wiggle Timing Test
Name: D10_W10C_Wiggle_Test_v5_Q780
On-Station Time: 16:40 UTC / 10:40 L

Flyority 4

Collection Area: NEON HQ Lidar Validation

Flight Plan Name: D10_H10C_HQ_val_v1_Q780

On-station Time: Daylight – No solar angle restrictions.

Flyority 5

Collection Area: NIS Offset Flight

Flight Plan Name: D10_O10B_NIS_Offset_v2_Q780

On-station Time: 16:00 UTC / 10:00 L

Crew: Matt-Lidar, Abe-NIS, Nick-Ground