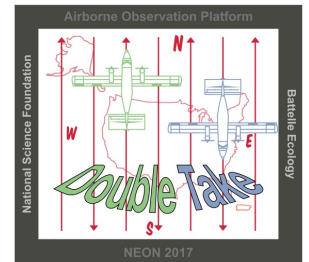




March 20, 2018 Payload 3 Daily Flight Report



Date: 03-20-18

Flight Campaign ID: 2018_P3C1

Airport, FBO ID, City: Boulder Municipal Airport (KBDU) – Boulder, CO

Domain: 00

Sites Flown: None

Days left in Domain: 13

Report Author: Cameron Chapman

Flight Crew: John Adler, Heather Rogers, Mike Wussow, Cameron Chapman, Matt DeVoe, Mitch Haynes

Ground/GPS Crew: Abe Morrison, Nick Marusich, Robb Walker, Heather Rogers

Pilots: Stephen Brawders, Mike Francis

Additional Personnel: Bridget Hass

GPS Instruments: None

Flight Hours: 0

Hours until aircraft maintenance: 122.10

Summary:

No Flights were attempted today due to hardware issues and high wind. ASO training and recertification will continue throughout the week.

New Faults:

Lidar – SnapSHOT failed to acquire GPS signal. Full lidar system power cycle resolve issue

Flight Disks – Neither MIDAS disks from Disk Set 2 were recognized by MIDAS computer during system startup

Ongoing Faults:

Lidar – Remote Desktop to RiAcquire lost connection several times in-flight

Flight Plans – N10C flight plan kml does not load markers onto DCC software

Hotel Kit – DCC hard drive showing as failed on Hotel Kit (ServiceNow Ticket #: INC0012851)

Spectrometer – Shutter on NIS not closed at request of the lab manager due to a known malfunction

Other Issues & Concerns: None

Comments: None

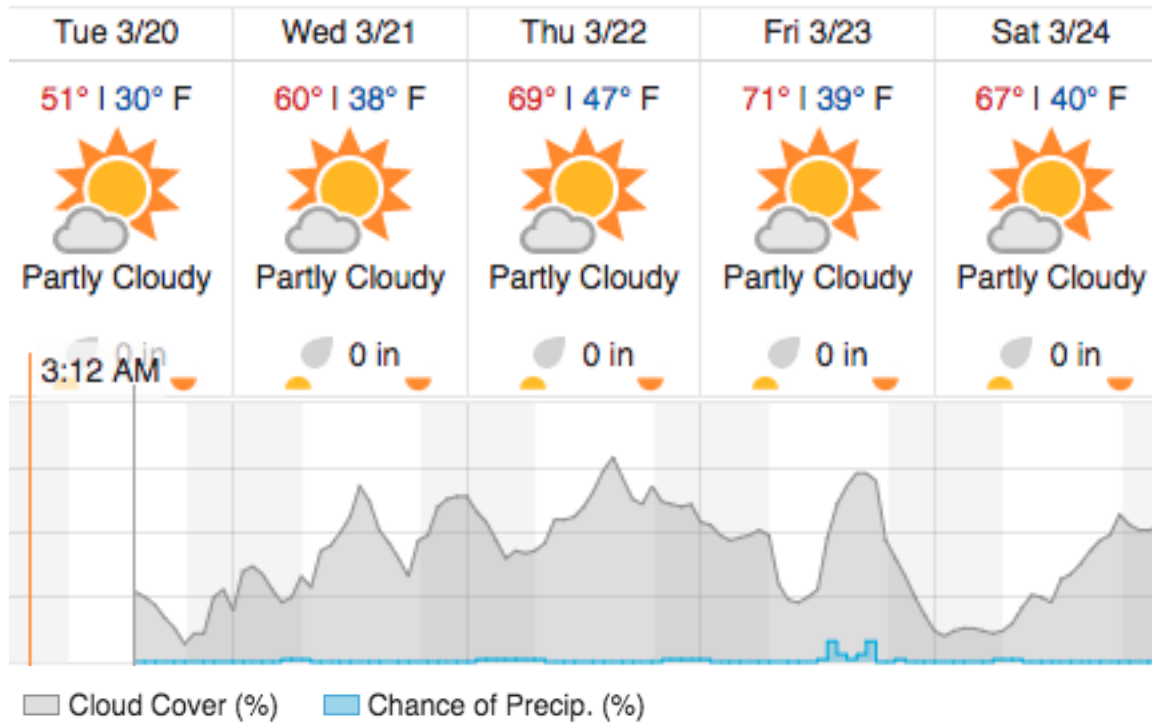
Flight Screenshots: None

Pictures:

Daily Domain Coverage: N/A

Cumulative Domain Coverage: N/A

Weather Forecast:



Flight Collection Plan for 21 March 2018

Flyority 1

Collection Area: Greeley Boresight Geocalibration

Flight Plan Name: D10_B10D_Boresight_Apx_Q780.rpp

On Station Time: 1550 Local / 0950 UTC (30s)

Flyority 2

Collection Area: Table Mountain Radiometric Calibration

Flight Plan Name: D10_R10C_Rad_Cal_TMBT_v1_Q780.rpp

On Station Time: 1740 Local / 1140 UTC (45s)

Flyority 3

Collection Area: Wiggle Timing Test – Boulder Airport

Flight Plan Name: D10_W10C_Wiggle_Test_v5_Q780.rpp

On Station Time: 1550 Local / 0950 UTC (30o)

Flyority4

Collection Area: NIS Offset

Flight Plan Name: D10_O10B_NIS_Offset_v2_Q780.rpp

On Station Time: 1700 Local / 1100 UTC (40o)

Crew:

Lidar: Cameron Chapman, Matt DeVoe NIS: Mitch Haynes, Ground/GPS: Mike Wussow / Heather Rogers