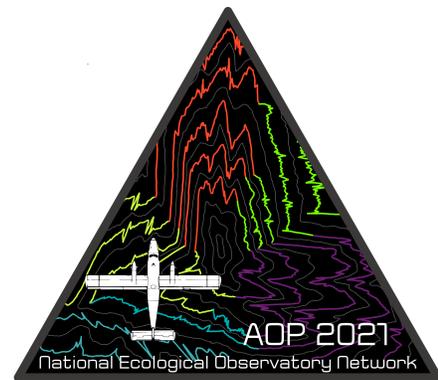




Payload 3 Daily Flight Report



Date: 2021-03-29

Flight Campaign ID: P3C1

Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO, Canyonlands Field (KCNV) - Moab, UT, St George Regional Airport (KSGU) - Saint George, UT, Henderson Executive (KHND) – Las Vegas, NV

Aircraft: N615AR

Domain: 17 (Pacific Southwest)

Sites Flown: Transit (KBDU-KCNV-KSGU-KHND-KFAT)

Days left in Domain: 5

Report Author: Ivana Vu

Lidar Operators: Ivana Vu

Spectrometer Operators: Mitch Haynes

Pilots: Justin Eddington, Stephen Brawders

Flight Hours: 02:54, 01:49, 00:57, 01:54

Hours until maintenance: 103.23

Summary

The Radiometric Calibration flight was not attempted this morning due to high cirrus clouds and forecasted winds at the Boulder Airport. After cal flights were cancelled, crew promptly packed up the plane and departed for D17 a day early in order to avoid deteriorating weather over the Rockies. After a challenging first leg due to 56 knot headwinds, we made it to Fresno tonight without having to shut down the system or fly in IFR conditions. D17 data collection flights are on schedule to start on Wednesday.

Concerns

None

Comments

- Crew handoff occurred this morning
- Support equipment will arrive tomorrow

Pictures

Rocky Mountains



Green River in Canyonlands National Park



Zion National Park



Death Valley National Park



Sierra Nevada



Cumulative Domain Coverage

D17 | SJER (San Joaquin Experimental Range)

| | | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 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 | | | | | | | | | | |

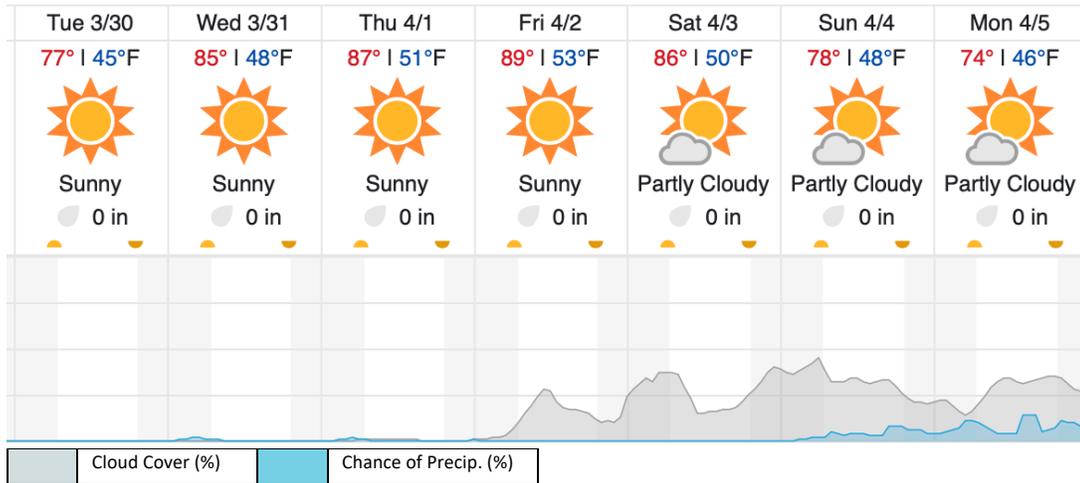
Flown: 0% (0/30)

Green: 0% (0/30)

Yellow: 0% (0/30)

Red: 0% (0/30)

Weather Forecast



source: wunderground.com

Flight Collection Plan for 30 March 2021

No flights planned

Flight Collection Plan for 31 March 2021

Flyority 1

Collection Area: San Joaquin Experimental Range (SJER)

Flight Plan Name: D17_SJER_C1_P1_v3_Q780

On-station Time: 1720 UTC / 1020 L

Crew: Mitch & Ivana