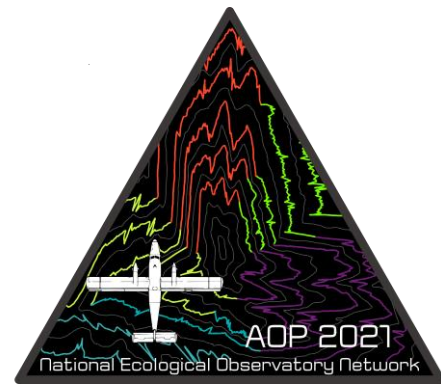




Payload 3 Daily Flight Report



Date: 2021-09-11
Flight Campaign ID: P3C1
Airport, FBO ID, City: Scottsdale Airport (KSDL) - Scottsdale, AZ
Aircraft: N615AR

Domain: Cottonwood AA Project (CTWD)
Sites Flown: Transit to Scottsdale
Days left in Domain: TBD

Report Author: Abe Morrison
Lidar Operators: Abe Morrison **Flight Hours:** 01:00
Spectrometer Operators: Matt Devoe **Hours until maintenance:** 27.37
Pilots: Will Mathews, Scott Hayward

Summary

The crew departed D14 in Tucson this morning and transited to Scottsdale AZ for the Cottonwood Assignable Asset Project. The weather looks favorable for a flight over the Yuma loop tomorrow (Sunday), and for the Auga Fria loop on Monday.

Concerns

High air temps on the ground will have the crew monitoring the equipment and themselves for signs of heat stress.

Comments

GPS 06 was deployed at the FBO at KSDL.

Cumulative Domain Coverage

CTWD_1

1	2	3	4	5	6	7	8	9
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Flown: 0% (0/9)
 Green: 0% (0/9)
 Yellow: 0% (0/9)
 Red: 0% (0/9)

CTWD_2

1

Flown: 0% (0/1)
 Green: 0% (0/1)
 Yellow: 0% (0/1)
 Red: 0% (0/1)

CTWD_3

1	2	3	4
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 Green: 0% (0/4)
 Yellow: 0% (0/4)
 Red: 0% (0/4)

CTWD_4

1	2	3	4
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 Green: 0% (0/4)
 Yellow: 0% (0/4)
 Red: 0% (0/4)

CTWD_5

1	2	3	4	5	6	7	8	9	10	11
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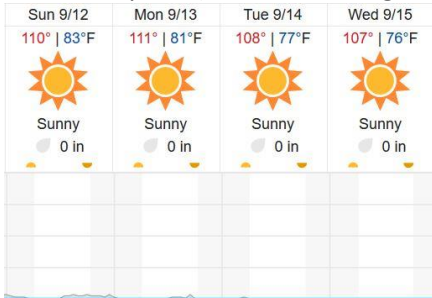
CTWD_6

1	2	3	4
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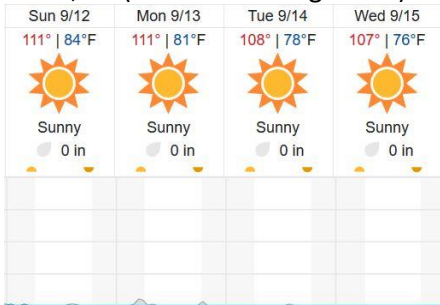
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Weather Forecast

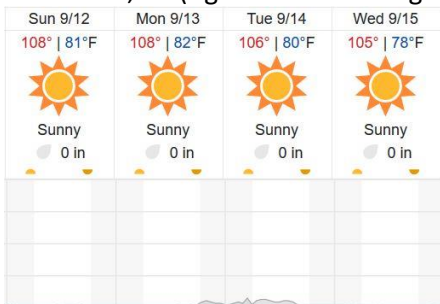
Parker Strip, AZ (Yuma North Flight Box)



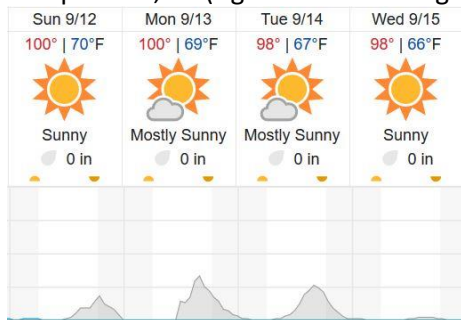
Yuma, AZ (Yuma South Flight Box)



Scottsdale, AZ (Agua Fria South Flight Box)



Camp Verde, AZ (Agua Fria North Flight Box)



source: wunderground.com

Flight Collection Plan for September 2021

Flyority 1

Collection Area: Yuma 500m Flight Box South Flight Plan

Flight Plan Name: D14_CTWD_YUMA_FB_S_500m_v2

Solar Angle Time: 16:40 UTC

Flyority 2

Collection Area: Yuma 1000m Flight Line Flight Plan

Flight Plan Name: D14_CTWD_YUMA_FL_1000m_v1

Solar Angle Time: 16:40 UTC

Flyority 3

Collection Area: Yuma 1000m Flight Box North Flight Plan

Flight Plan Name: D14_CTWD_YUMA_FB_N_1000m_v3

Solar Angle Time: 16:40 UTC

Flyority 4

Collection Area: Agua Fria 1000m Flight Line Flight Plan

Flight Plan Name: D14_CTWD_AguaFria_FL_1000m_v1

Solar Angle Time: 16:40 UTC

Flyority 5

Collection Area: Agua Fria 500m Flight Box South Flight Plan

Flight Plan Name: D14_CTWD_AguaFria_FBS_500m_v1

Solar Angle Time: 16:40 UTC

Flyority 6

Collection Area: Agua Fria 500m Flight Box North Flight Plan

Flight Plan Name: D14_CTWD_AguaFria_FBN_1000m_v1

Solar Angle Time: 16:40 UTC

Crew: Abe Morrison, Matt DeVoe