



Payload 1 Daily Flight Report



Date: 2022-09-03
Flight Campaign ID: P1C1
Airport, FBO ID, City: Tucson International Airport - Tucson, AZ
Aircraft: N331AR

Domain: 14 (Desert Southwest)
Sites Flown: None
Days left in Domain: 8

Report Author: Abe
Lidar Operators: Abe **Flight Hours:** 00:00
Spectrometer Operators: Elissa **Hours until maintenance:** 41.27
Pilots: Vince, Steven

Summary

Low clouds at both sites today didn't allow any flights to occur. The forecast for the next 3 days is looking pretty good.

Concerns

-JPL was contacted by the lab in reference to the lakeshore/backplate issues that have been ongoing since the system was started up in this domain. JPL staff was able to walk us through some reconfiguring steps and correct both issues. The crew will keep a close eye on these systems moving forward.

Comments

-Raid 16 will be shipped to the data center today.

Cumulative Domain Coverage

Estimated Cloud Cover Key

Green:	Yellow:	Red:
0-10%	11-50%	>50%

D14|JORN_P1 (Jornada Priority 1)

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															

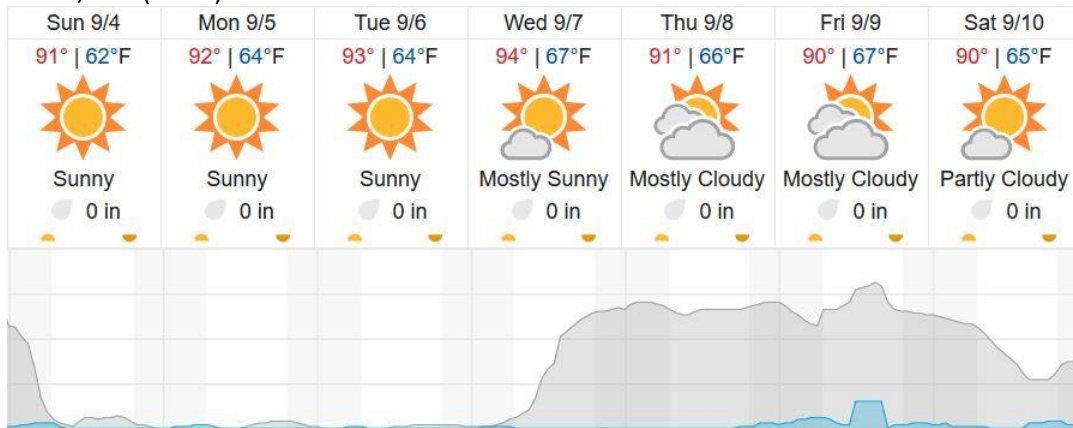
Flown: 0% (0/26)
Green: 0% (0/26)
Yellow: 0% (0/26)
Red: 0% (0/26)

D14|JORN_P2 (Jornada Priority 2)

35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	
55																				

Flown: 0% (0/21)
Green: 0% (0/21)
Yellow: 0% (0/21)
Red: 0% (0/21)

Hatch, NM (JORN)



Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for 4 September 2022

Flyority 1

Collection Area: Jornada (JORN) – Priority 1 Flight Box– Priority 1 Box

Flight Plan Name: D14_JORN_R1_P1_v5_PRM.xml

35° On-station Time: 15:40 UTC / 09:40 MDT / 8:40 MST

Flyority 2

Collection Area: Santa Rita Experimental Range (SRER) – Priority 2 Box

Flight Plan Name: D14_SRER_C1_P1_v6_PRM.xml

40° On-station Time: 16:20 UTC / 09:20 MST

Flyority 3

Collection Area: Santa Rita Experimental Range (SRER) – Priority 3 Box

Flight Plan Name: D14_SRER_C1_P1_v6_PRM.xml

40° On-station Time: 16:20 UTC / 09:20 MST

Flyority 4

Collection Area: Jornada (JORN) – Priority 2 Flight Box

Flight Plan Name: D14_JORN_R1_P1_v5_PRM.xml

35° On-station Time: 15:40 UTC / 09:40 MDT / 8:40 MST

Flyority 5

Collection Area: Nominal Runway – D14

Flight Plan Name: D14_N14A_Nominal_Runway_Test_v1_PRM

On-station Time: N/A

Crew: Elissa, Abe