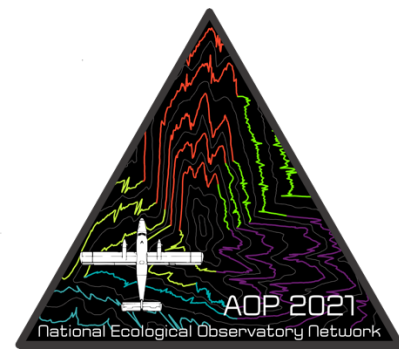




Payload 1 Daily Flight Report



Date: 2021-06-30

Flight Campaign ID: P1C2

Airport, FBO ID, City: Asheville Regional Airport (KAVL) - Fletcher, NC, Sikeston Memorial Municipal Airport (KSIK) - Sikeston, MO, Ponca City Regional Airport (KPNC) - Ponca City, OK, Pueblo Memorial Airport (KPUB) - Pueblo, CO

Aircraft: N331AR

Domain: 17 (Pacific Southwest)

Sites Flown: Transit ()

Days left in Domain: 0

Report Author: Cameron Chapman

Lidar Operators: Cameron Chapman

Flight Hours: 02:35:00, 02:44:00, 02:32:00, 01:32:00

Spectrometer Operators:

Hours until maintenance: 39.20

Pilots: Paul Nunemann, Nick Koukoutsakis

GPS Instruments: None

Ground Crew: Mitch Haynes

Summary

We began the transit to D17 today after a delayed start due to IFR conditions over the airfield in Asheville NC. The pilots carved through pockets of weather across the country with the assistance of a minor tailwind and covered 1266 nautical miles. We were able to make it to TOIL's hangar in Grand Junction CO where the aircraft will undergo maintenance tomorrow.

Concerns

- A wildfire burning in our SOAP flight box will be closely monitored and may impact D17 flights.

Comments

- The aircraft will undergo maintenance in Grand Junction which shouldn't impact the 7/2 arrival date to D17.
- Mitch finished packing and shipping the remaining support equipment and will depart the field tomorrow for a short break before rejoining the flight crew in D17.

Daily Coverage: Transit

Estimated Cloud Cover Key

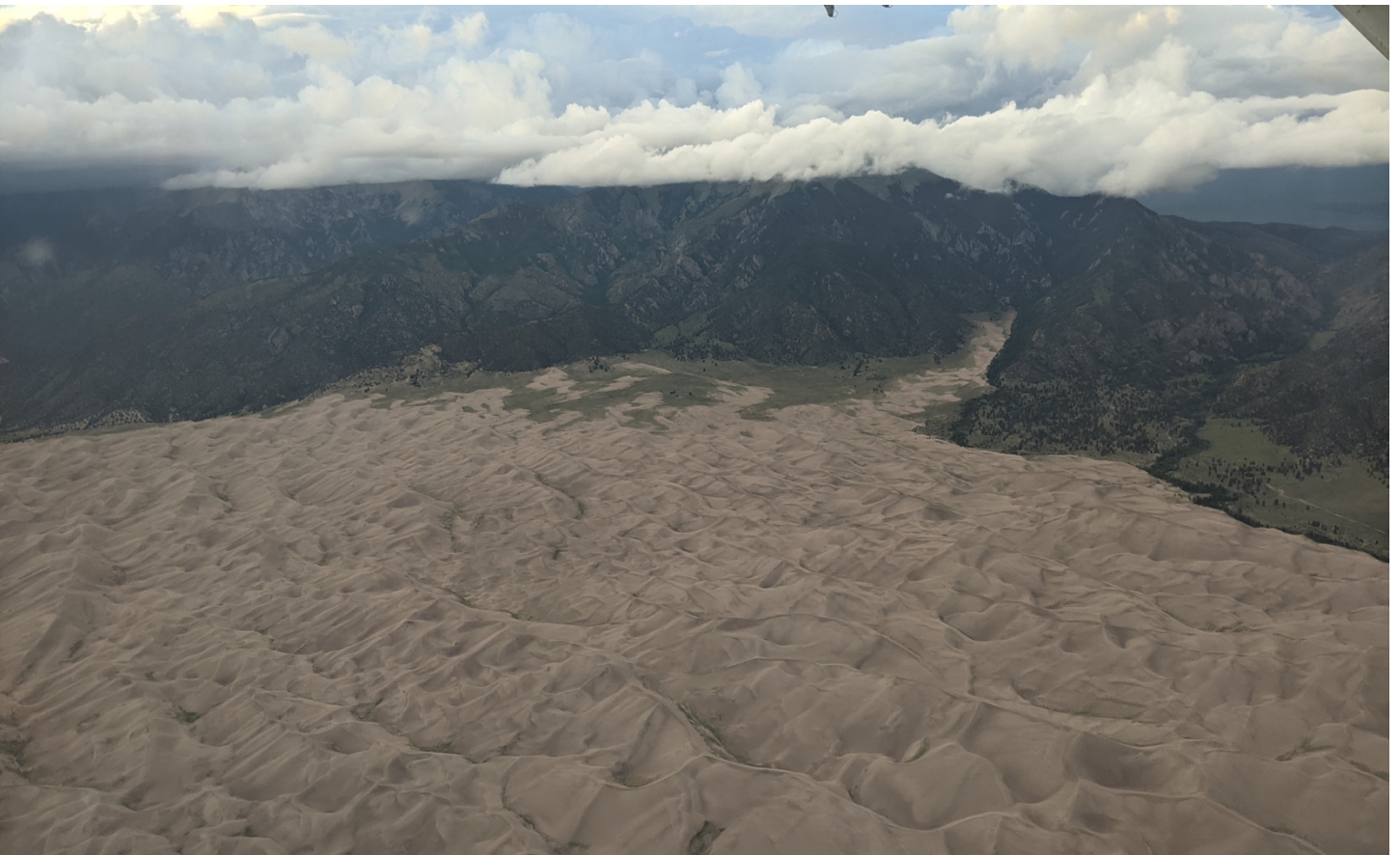
Green:	Yellow:	Red:
0-10%	11-50%	>50%

Pictures



Top: Departing Asheville crossing over the Great Smoky Mountains

Bottom: Flying over Great Sand Dune National Park in route to Grand Junction CO



Cumulative Domain Coverage

D17|SOAP_P1 (Soaproot Saddle 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	27	28	29	30	31	32	33	34	35	36	37			

Flown: 0% (0/37)

Green: 0% (0/37)

Yellow: 0% (0/37)

Red: 0% (0/37)

D17|SOAP_P2 (Soaproot Saddle Priority 2)

38	39	40	41	42	43	44	45	46	47
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Flown: 0% (0/10)

Green: 0% (0/10)

Yellow: 0% (0/10)

Red: 0% (0/10)

D17|SOAP_P3 (Soaproot Saddle Priority 3)

48	49	50	51	52	53	54	55	56	57	58	59
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Flown: 0% (0/12)

Green: 0% (0/12)

Yellow: 0% (0/12)

Red: 0% (0/12)

D17|TEAK_P1 (Teakettle 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	27	28	29	30	31	32	33	34	35	36	37	38	39	40

Flown: 0% (0/40)

Green: 0% (0/40)

Yellow: 0% (0/40)

Red: 0% (0/40)

D17|TEAK_P2 (Teakettle Priority 2)

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63																	

Flown: 0% (0/23)

Green: 0% (0/23)

Yellow: 0% (0/23)

Red: 0% (0/23)

D17|TEAK_P3 (Teakettle Priority 3)

63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
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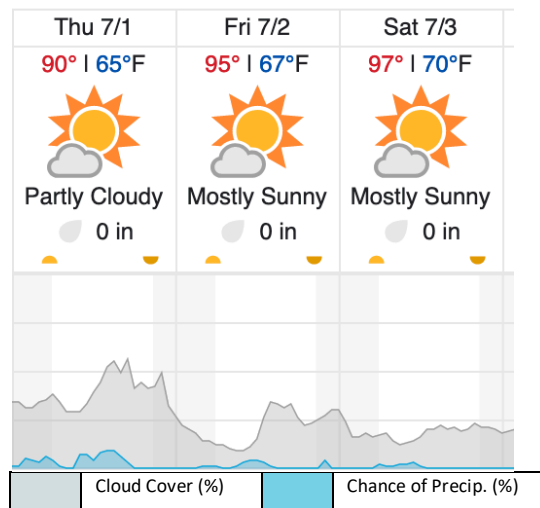
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Green: 0% (0/19)

Yellow: 0% (0/19)

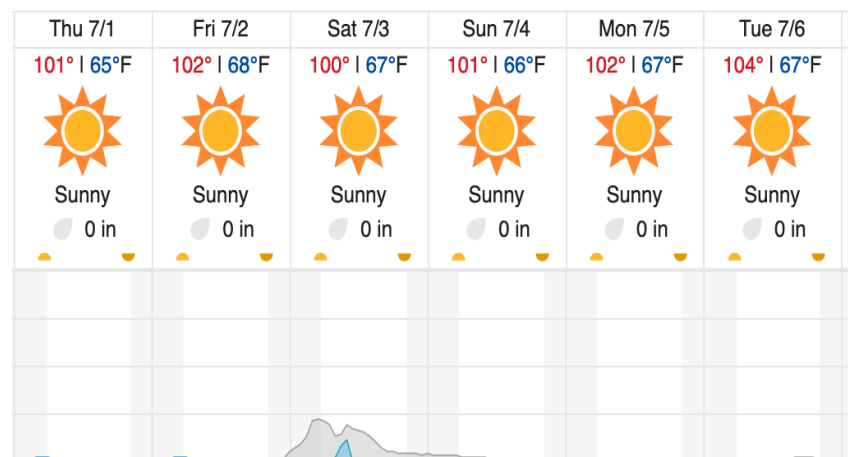
Red: 0% (0/19)

Weather Forecast Grand Junction



source: wunderground.com

Fresno



Flight Collection Plan for July 01 - 02 2021

TOIL Maintenance > Transit

Crew: Cam