



July 15, 2019 Payload 3 Daily Flight Report



Date: 2019-07-15

Flight Campaign ID: 2019_P3C1

Airport, FBO ID, City: Portland-Hillsborough Airport (KHIO) - Hillsboro, OR

Domain: 16

Sites Flown: none

Days left in Domain: 1

Report Author: Cameron Chapman

Flight Crew: Cameron Chapman, Ivana Vu

Ground/GPS: Elissa Barris

Pilots: Paul Nunemann, Justin Eddington

Additional Personnel: None

GPS Instruments: n/a

Flight Hours: n/a

Hours until maintenance: 102.97

Summary

Rain showers along with low cumulus & stratus clouds across the region prevented data collection today.

Concerns

None

Comments

- The flight crew worked with Andrew today resolve the Hotel Kit's licenses issues.
- Tomorrow is a scheduled crew rotation day however the crew will be prepared to fly if the weather is favorable.
- Ivana departs D16 tomorrow after potential flights.
- Elissa is departs tomorrow for D09 in anticipation of payload 3's arrival on Wednesday.

Flight Screenshots:

None

Pictures:

AOP's science field team snapped a picture from the Abby Road site.



Photo Credit
Bridget Hass.

Daily Coverage

*ABBY Lines 14-23 collected outside of 40-degree solar angle

Cumulative Domain Coverage

ABBY

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
41	42	43	44																

Flown: 45% (20/44)

Green: 0% (0/44)

Yellow: 48% (21/44)

Red: 0% (0/44)

WREF_P1

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
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57			

Flown: 100% (57/57)

Green: 0% (0/57)

Yellow: 60% (34/57)

Red: 47% (27/57)

WREF_P2

58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77
78	79	80	81	82	83														

Flown: 0% (0/26)

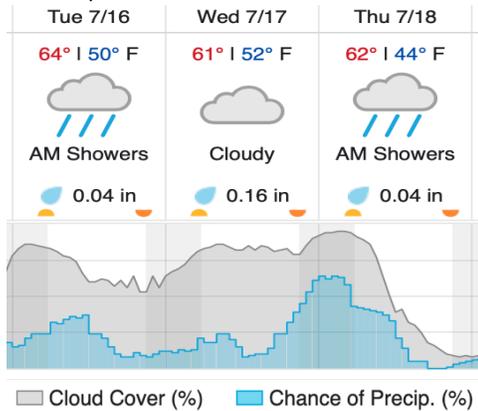
Green: 0% (0/26)

Yellow: 0% (0/26)

Red: 0% (0/26)

Weather Forecast

Carson, WA



Flight Collection Plan for 16 July 2019

Flyority 1:

Collection Area: Wind River Experimental Forest (WREF) Priority 1, *if sky conditions are "green"*

Flight Plan Name: D16_WREF_C1_P1_v2_east_Q780

On-station Time: 1640 – 2350 UTC / 0940 – 1650 Local

Flyority 2:

Collection Area: Abby Road (ABBY)

Flight Plan Name: D16_ABBY_R1_P1_v2_Q780

On-station Time: 1640 – 2350 UTC / 0940 – 1650 Local

Flyority 3:

Collection Wind River Experimental Forest (WREF) Priority 2

Flight Plan Name: D16_WREF_C1_P2_v2_east_Q780 / D16_WREF_C1_P2_v2_west_Q780

On-station Time: 1640 – 2350 UTC / 0940 – 1650 Local

Crew: Cameron Chapman (Lidar), Elissa Barris (NIS), Ivana Vu (Ground/GPS)

Flight Collection Plan for 17 July 2019

Transit to D09

Crew : Cameron Chapman (Transit) Elissa Barris (Ground)