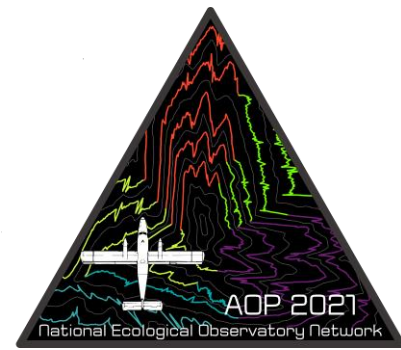




## Payload 1 Daily Flight Report



**Date:** 2021-07-26

**Flight Campaign ID:** P1C2

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

**Aircraft:** N331AR

**Domain:** 16 (Pacific Northwest)

**Sites Flown:** None

**Days left in Domain:** 1

**Report Author:** Abe Morrison

**Lidar Operators:** Abe Morrison

**Flight Hours:** 00:00

**Spectrometer Operators:** Mitch Haynes

**Hours until maintenance:** 83.20

**Pilots:** Justin Eddington, Nick Koukoutsakis

**GPS Instruments:** N/A

### Summary

High Cirrus clouds all day did not allow for any "green up" flights to be conducted.

### Concerns

- Waveform "Buffer Overflow" continues to be worked on by the crew with HQ and OEM support.
- Pilot display intermittent failure continues to be worked on by the crew and HQ.

### Comments

None

### Cumulative Domain Coverage

#### D16 | ABBY (Abby Road )

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: 100% (44/44)

Green: 30% (13/44)

Yellow: 0% (0/44)

Red: 70% (31/44)

#### D16 | MCRA (McRae Creek)

1	2	3	4	5	6	7	8	9
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Flown: 100% (9/9)

Green: 100% (9/9)

Yellow: 0% (0/9)

Red: 0% (0/9)

D16|N16A (D16 Nominal Runway )

1

Flown: 100% (1/1)  
 Green: 100% (1/1)  
 Yellow: 0% (0/1)  
 Red: 0% (0/1)

D16|WREF\_P1 (Wind River Experimental Forest 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
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57			

Flown: 100% (57/57)  
 Green: 100% (57/57)  
 Yellow: 0% (0/57)  
 Red: 0% (0/57)

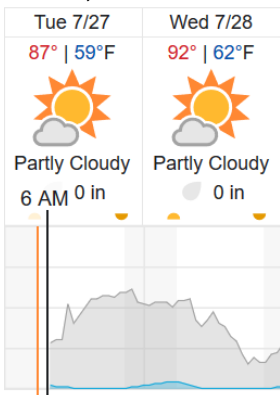
D16|WREF\_P2 (Wind River Experimental Forest Priority 2 )

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

Flown: 100% (21/21)  
 Green: 0% (0/21)  
 Yellow: 76% (16/21)  
 Red: 24% (5/21)

**Weather Forecast**

Carson, WA



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

**Flight Collection Plan for July 27 2021**

Flyority 1

Collection Area: Abby Road (ABBY)

Flight Plan Name: D16\_ABBY\_R1\_P1\_v2\_PRM.xml

On-Station Time: 1650 UTC/ 0950 L

Flyority 2

Collection Area: Wind River Experimental Forest (WREF) - Priority 2 Flight Box

Flight Plan Name: D16\_WREF\_C1\_P1\_P2\_v3\_PRM.xml

On-Station Time: 1640 UTC/ 0940 L

Crew: Abe, Mitch