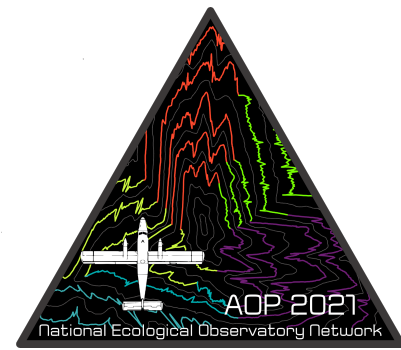




## Payload 1 Daily Flight Report



**Date:** 2021-07-27

**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:** 0

**Report Author:** Mitch Haynes

**Lidar Operators:** Mitch Haynes

**Flight Hours:** 00:00

**Spectrometer Operators:** Abe Morrison

**Hours until maintenance:** 83.20

**Pilots:** Justin Eddington, Nick Koukoutsakis

### Summary

Last eligible day for flights here in D16 and the crew did not receive the clear skies needed to better up any of our previously collected data. This concludes our collections in D16. Crew will begin transit to our D02 home in Winchester, VA tomorrow.

### Concerns

Andrew and Abe continued troubleshooting some of various crystal device issues this morning.

### Comments

- System was shut down today prior to the transit. Various equipment was shipped ahead to Winchester or back to Boulder.
- RAID 2021\_P1C2\_09 was shipped to the Denver Data Center.
- Abe will fly ahead to Winchester tomorrow to ensure the FBO is fully prepped and prepared for our anticipated Friday arrival

### Final 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)

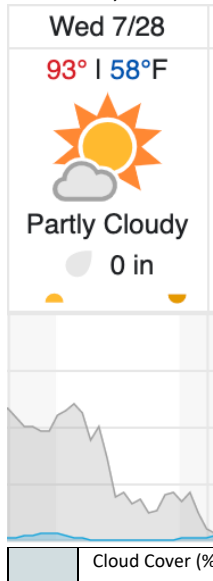
D16|WREF\_P2 (Wind River Experimental Forest Priority 2)

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

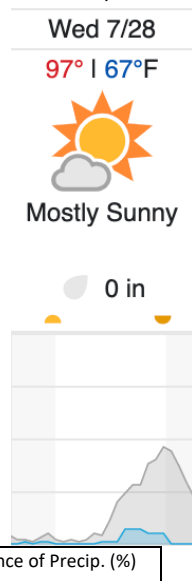
Flown: 100% (21/21)  
Green: 0% (0/21)  
Yellow: 76% (16/21)  
Red: 24% (5/21)

Weather Forecast

Hillsboro, OR



Boulder, CO



source: wunderground.com

Flight Collection Plan for 28 July 2021

Transit to D02 – Winchester, VA  
Crew: Mitch Haynes