



## Payload 3 Daily Flight Report

**Date:** 2025-07-31

**Flight Campaign ID:** P3C1

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

**Aircraft:** N821AR

**Domain:** 16 (Pacific Northwest)

**Sites Flown:** None

**Days left in Domain:** 3

**Report Author:** Cameron

**Lidar Operators:** Cameron

**Flight Hours:** 00:00

**Spectrometer Operators:** Matt

**Hours until maintenance:** 100.10

**Pilots:** Mack, Jacob

### Summary

Overcast skies persisted through the day. No flights were conducted.

### Concerns

- None

### Comments

- Nick is scheduled to arrive in D16 today.
- D16 external GPS data uploaded to the GCS.

### Daily Coverage

Estimated Cloud Cover Key

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

Solar Angle Less Than 40 degrees: (\*)

### 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: 0% (0/44)

Green: 0% (0/44)

Yellow: 0% (0/44)

Red: 0% (0/44)

\* Flown within 35deg solar angle

D16|MCRA (McRae Creek)

1	2	3	4	5	6	7	8	9
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Flown: 0% (0/9)

Green: 0% (0/9)

Yellow: 0% (0/9)

Red: 0% (0/9)  
\* Flown within 35deg solar angle

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: 98% (56/57)  
Yellow: 2% (1/57)  
Red: 0% (0/57)  
\* Flown within 35deg solar angle

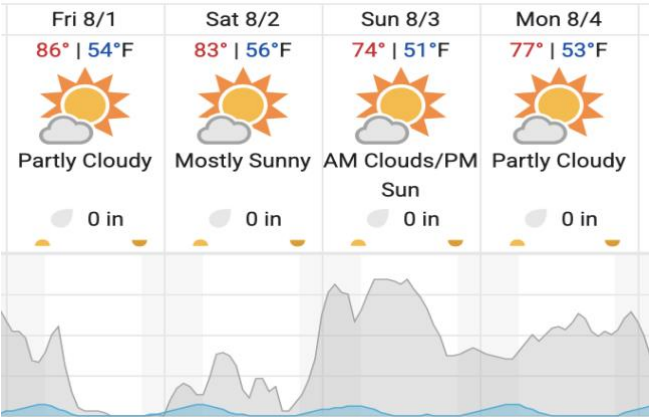
D16|WREF\_P2 (Wind River Experimental Forest Priority 2)

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

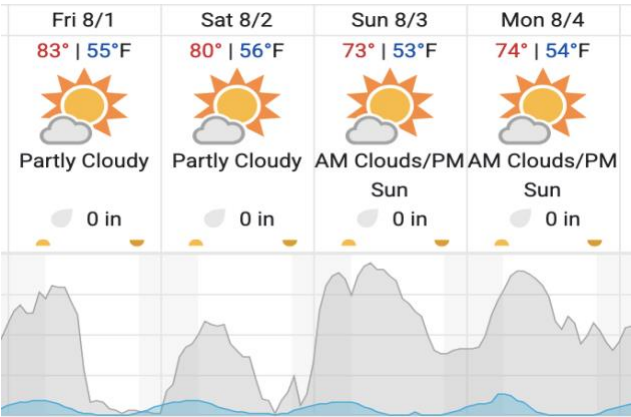
Flown: 100% (22/22)  
Green: 0% (0/22)  
Yellow: 100% (22/22)  
Red: 0% (0/22)  
\* Flown within 35deg solar angle

Weather Forecast

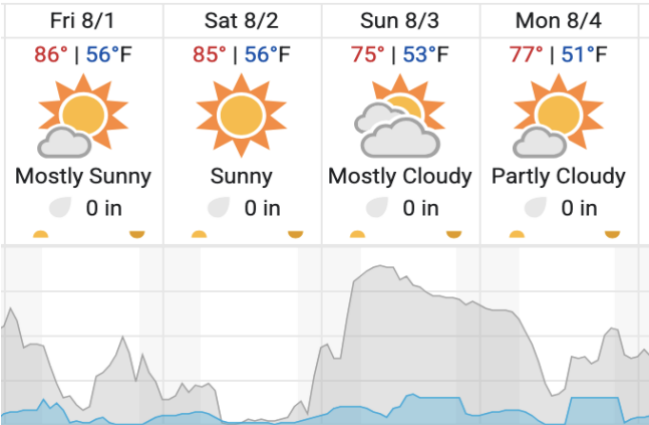
Hillsboro, OR (KHIO)



Battle Ground, WA (WREF, ABBY)



McKenzie Bridge, OR (MCRA)



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

Flight Collection Plan for 01 Aug 2025

Flyority 1

Collection Area: Abby Road (ABBY)

Flight Plan Name: D16\_ABBY\_R1\_P1\_v3\_Q780

On-Station Time: 1650 UTC / 0950 L

Flyority 2

Collection Area: Wind River Experimental Forest (WREF) P2

Flight Plan Name: D16\_WREF\_C1\_P2\_v3\_Q780

On-Station Time: 1650 UTC / 0950 L

Flyority 3

Collection Area: McRae Creek (MCRA)

Flight Plan Name: D16\_MCRA\_A2\_P1\_v1\_Q780

On-Station Time: 1650 UTC / 0950 L

**Crew:** Matt (Lidar), Nick (NIS)