



Payload 3 Daily Flight Report



Date: 2022-05-18
Flight Campaign ID: P3C1
Airport, FBO ID, City: Asheville Regional Airport (KAVL) - Fletcher, NC
Aircraft: N70AR

Domain: 07 (Appalachians & Cumberland Plateau)
Sites Flown: None
Days left in Domain: 19

Report Author: Michael
Lidar Operators: Michael **Flight Hours:** 00:00
Spectrometer Operators: John **Hours until maintenance:** 76.83
Pilots: Jeremy, Nick

Summary

The edges of a storm system northwest of the survey areas pushed all types of clouds our way today. No flights were conducted although a trip to the airport was made to take care of miscellaneous items.

Concerns

None

Comments

- The cabin sensor display issue was resolved by power cycling the sensor and display, restarting the telemetry system, and then waiting several minutes for the display to change from ur1.8 to proper readings.
- The Tracker database was updated with the updated ORNL flight plans.
- The lines that failed lidar QA were confirmed failed due to overflight of a water body.

Cumulative Domain Coverage

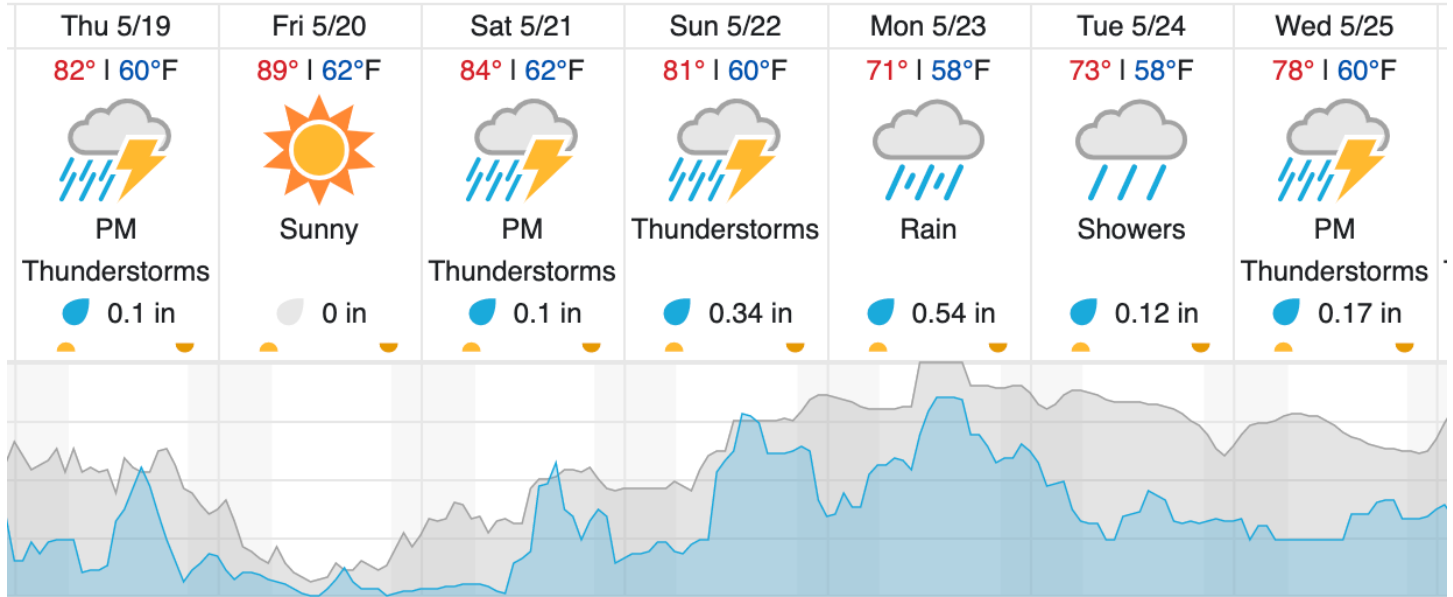
D07 | ORNL (Oak Ridge National Laboratory)

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	58	59	60
61																			

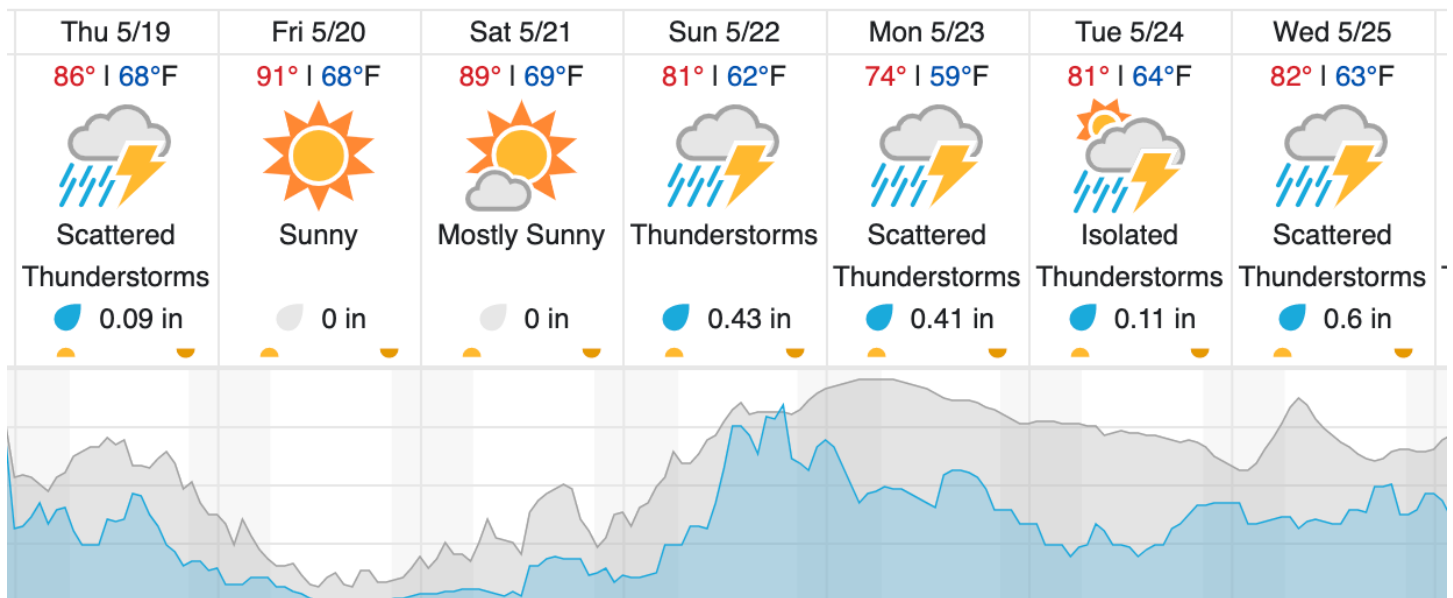
Flown: 44% (27/61)
 Green: 26% (16/61)
 Yellow: 18% (11/61)
 Red: 0% (0/61)

Weather Forecast

Asheville, NC



Oak Ridge, TN



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

Flight Collection Plan for 19 May 2021

Flyority 1

Collection Area: Oak Ridge National Laboratory (ORNL)

Flight Plan Name: D07_ORNL_C1_P1_v9_PRM.xml

On-Station Time: 1400 UTC / 1000 L

Crew: John (Lidar), Mike (NIS)