



Payload 3 Daily Flight Report



Date: 2022-05-22

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: 13

Report Author: Mike

Lidar Operators: Mike

Flight Hours: 0.0

Spectrometer Operators: John

Hours until maintenance: 73.82

Pilots: Nick, Robbie

GPS Instruments: None

Summary

All sites were cloudy this morning with thunderstorms developing by afternoon. No flights were conducted.

Concerns

None.

Comments

Andrew has prepped Hotel-Kit 5 to be shipped to D07 as another RAID has become degraded. This is the fourth occurrence since starting flights this year.

Cumulative Domain Coverage

D07|GRSM_P1 (Great Smoky Mountains National Park 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	58	59	60
61	62	63	64	65	66	67	68	69											

Flown: 14% (10/69)

Green: 14% (10/69)

Yellow: 0% (0/69)

Red: 0% (0/69)

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																			

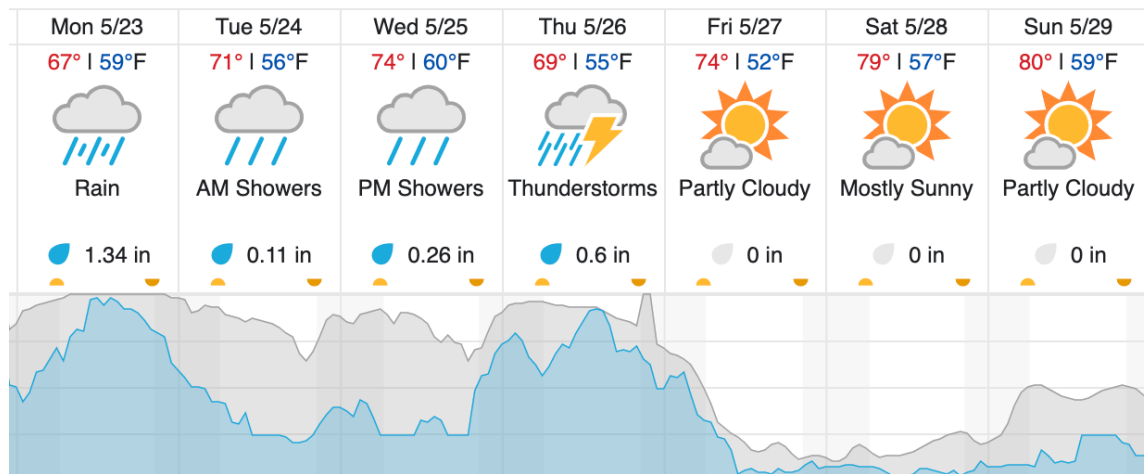
Flown: 44% (27/61)

Green: 26% (16/61)

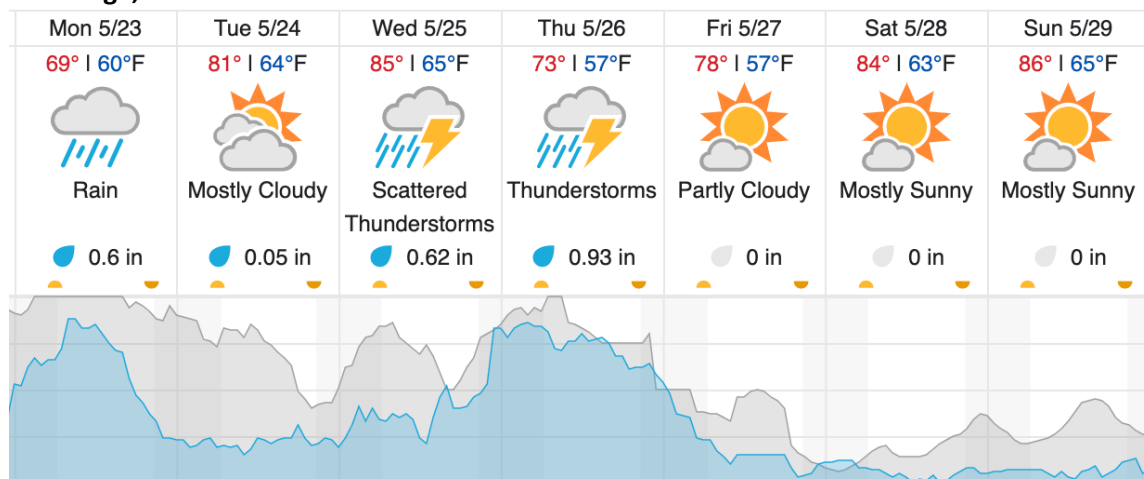
Yellow: 18% (11/61)

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 23 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)