

Pictures

Downtown Tuscaloosa Alabama captured after surveying the DELA Flight box



Estimated Cloud Cover

Green: 0-10%	Yellow: 10-50%	Red: >50%
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Daily Coverage

D08 DELA	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1				✓	✓	✓	NLC
	2				✓	✓	✓	NLC
	3				✓	✓	✓	NLC
	4				✓	✓	✓	NLC
	5				✓	✓	✓	NLC
	6				✓	✓	✓	NLC
	7				✓	✓	✓	NLC
	8				✓	✓	✓	NLC
	9				✓	✓	✓	NLC
	10				✓	✓	✓	NLC
	11				✓	✓	✓	NLC
	12				✓	✓	✓	NLC
	13				✓	✓	✓	NLC
	14				✓	✓	✓	NLC
	15				✓	✓	✓	NLC
	16				✓	✓	✓	NLC
	17				✓	✓	✓	NLC
	18				✓	✓	✓	NLC
	19				✓	✓	✓	NLC
	20				✓	✓	✓	NLC
	21				✓	✓	✓	NLC
	22				✓	✓	✓	NLC
	23				✓	✓	✓	NLC
	24				✓	✓	✓	NLC
	25				✓	✓	✓	NLC
	26				✓	✓	✓	NLC
Flown:	26							

Cumulative Domain Coverage

DELA

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														

Flown: 100% (26/26)

Green: 0% (0/26)

Yellow: 100% (26/26)

Red: 0% (0/26)

LENO

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														

Flown: 0% (0/26)

Green: 0% (0/26)

Yellow: 0% (0/26)

Red: 0% (0/26)

N08A

1

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

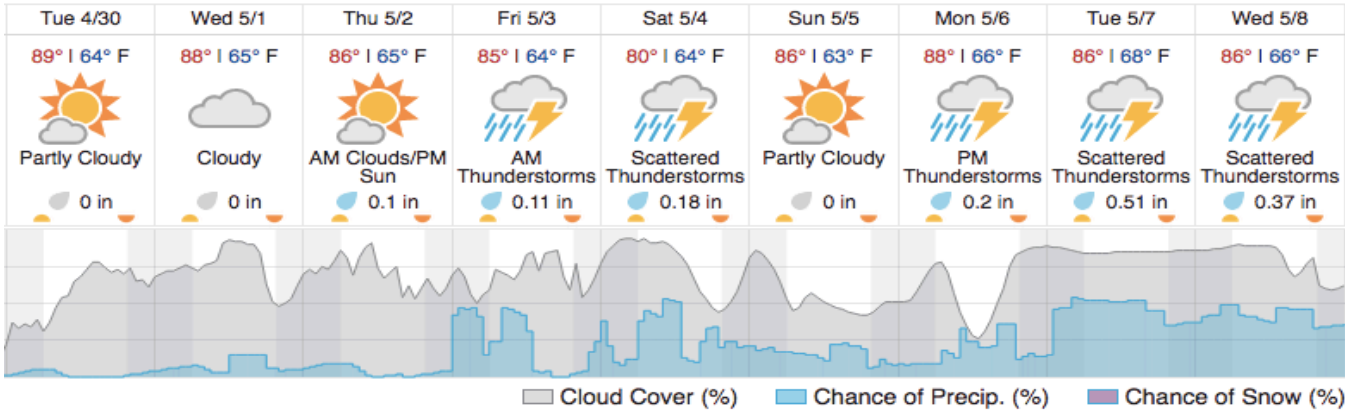
TALL

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														

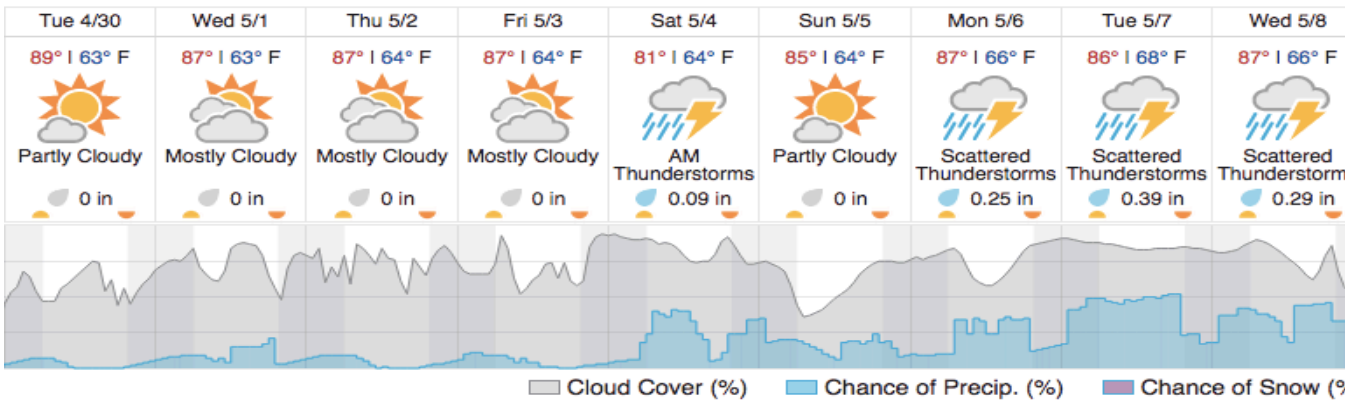
Flown: 100% (26/26)
Green: 0% (0/26)
Yellow: 0% (0/26)
Red: 100% (26/26)

Weather Forecast

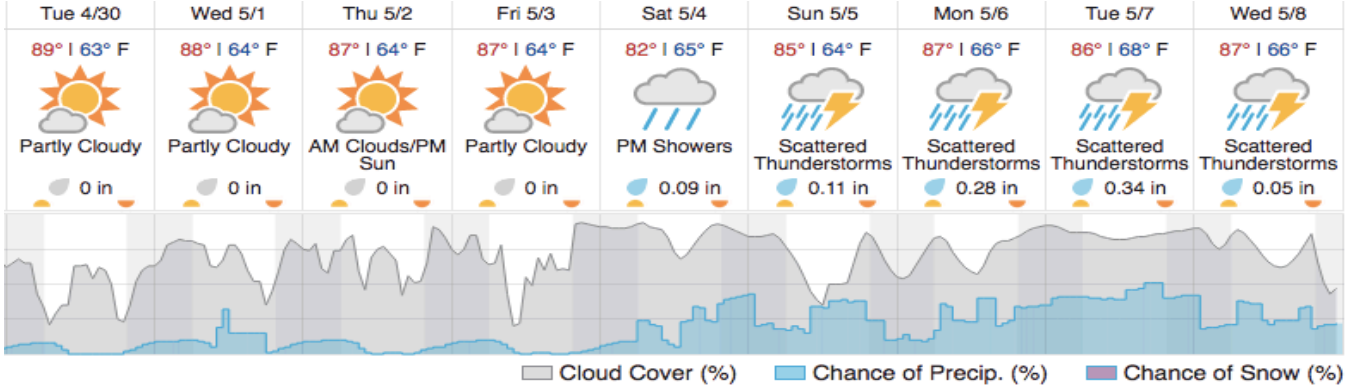
Tuscaloosa, AL



Demopolis, AL



Coffeeville, AL



Flight Collection Plan for 30 April 2019

Flyority 1:

Collection Area: Dead Lake (DELA) **If "Green" Sky Conditions**

Flight Plan Name: D08_DELA_R1_P1_v1.pln

On Station Time: 0930 L / 1430 UTC

Flyority 2:

Collection Area: Talladega National Forest (TALL) **If "Green" Sky Conditions**

Flight Plan Name: D08_TALL_C1_P1_v1.pln

On Station Time: 0930 L / 1430 UTC

Flyority 3:

Collection Area: Lenoir Landing (LENO)

Flight Plan Name: D08_LENO_R2_P1_v1.pln

On Station Time: 0930L / 1430 UTC

Flyority 4:

Collection Area: Dead Lake (DELA) – Priority 2 Flight Box

Flight Plan Name: D08_DELA_R1_P1_P2_v2.pln

On Station Time: 0930 L / 1430 UTC

Flyority 5:

Collection Area: Nominal Runway – D08

Flight Plan Name: D08_N08A_Nominal_Runway_Test_v1.pln

Purpose: To test LiDAR range accuracies and noise levels at 100 kHz PRF.

On Station Time: N/A

(**LiDAR**) Abe Morrison (**NIS**) Cameron Chapman (**Ground/GPS**) Robb Walker

Flight Collection Plan for 01 May 2019

Flyority 1 – 4 Same as previously briefed

Crew: (**LiDAR**) Robb Walker (**NIS**) Abe Morrison (**Ground/GPS**) Cameron Chapman