

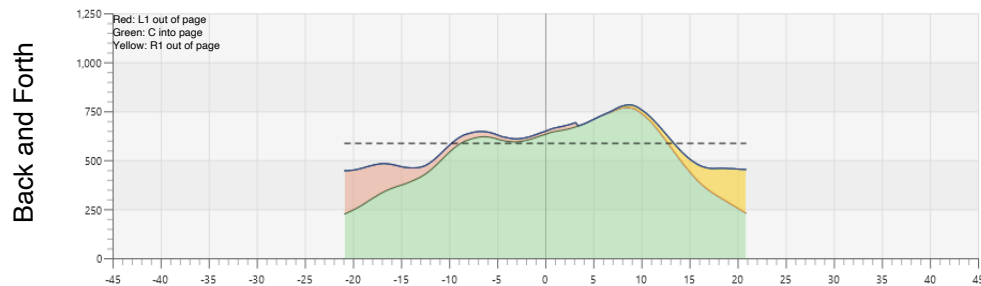
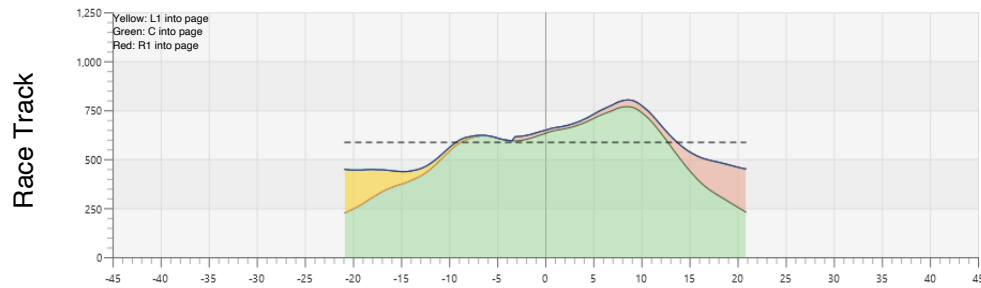
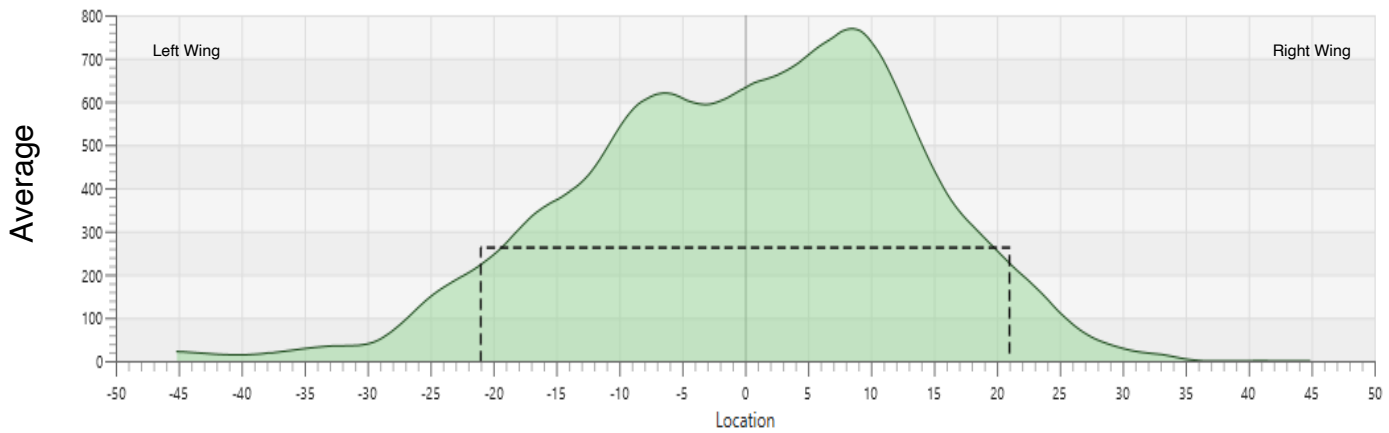
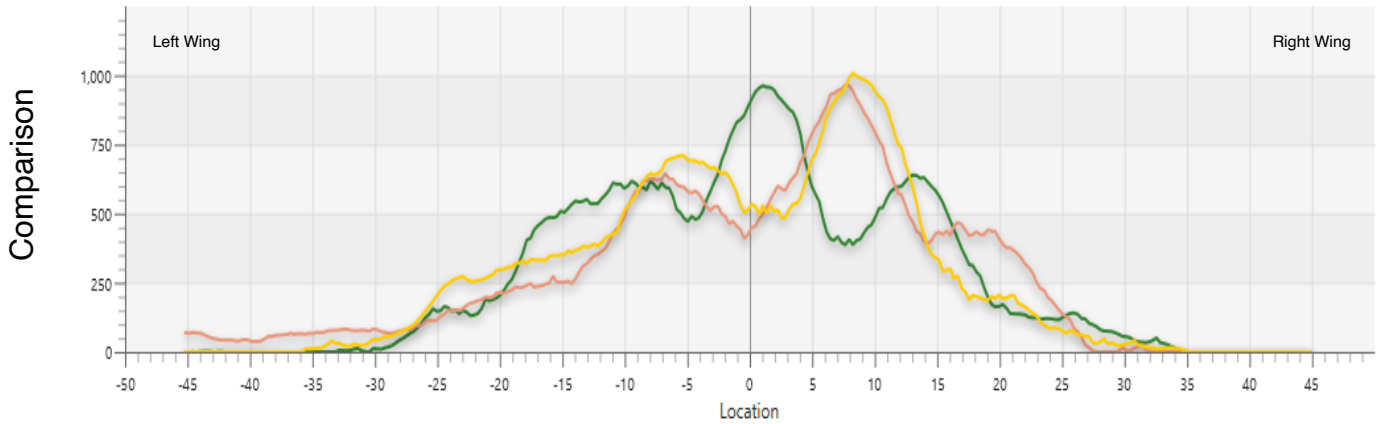
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 Dunbar, Nebraska
 October 30, 2025
 Analyst: Alan Corr

N0001 - 1

Aircraft	Reg. #: N0001		Configuration	Boom Pressure (PSI):		Series Data	Pass 1	Pass 2	Pass 3	Pass 4	Pass 5	Pass 6	Avg.	Droplet Data on Page 2
	Series #: 1	Make: DJI		Model: T100	Target Rate (GPA): 2		Target Swath (FT): 42	Airspeed (MPH): 51	53	53	-	-		
% Boom Width: -	Boom Drop (IN): -	Winglets?: No	Standard (x2)	Orif. #: N/A, Def: N/A	Release Height (FT): 16.6	16.6	16.6	-	-	-	16.6			
					Wind Velocity (MPH): 6	8	8	-	-	-	7.3			
					Cross-Wind (MPH): -0.2	-0.6	1.1	-	-	-	0.1			
					Ambient Temp (F): -	-	-	-	-	-	52			
					Rel Humidity (%): -	-	-	-	-	-	53			

Notes: Droplet size: 500



Swath (FT)	CV (RT)	CV (BF)
33	11 %	11 %
34	11 %	11 %
35	12 %	10 %
36	12 %	11 %
37	12 %	11 %
38	13 %	12 %
39	15 %	13 %
40	16 %	14 %
41	18 %	16 %
42	19 %	18 %
43	21 %	20 %
44	23 %	22 %
45	25 %	24 %
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48	31 %	31 %
49	33 %	33 %
50	36 %	35 %
51	38 %	37 %

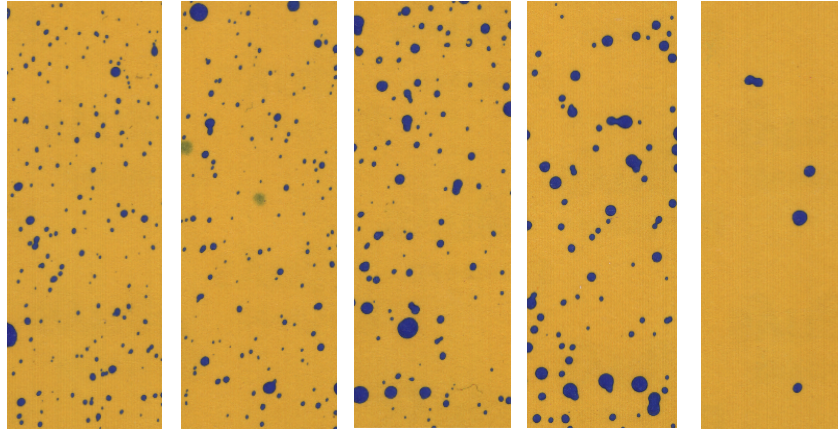
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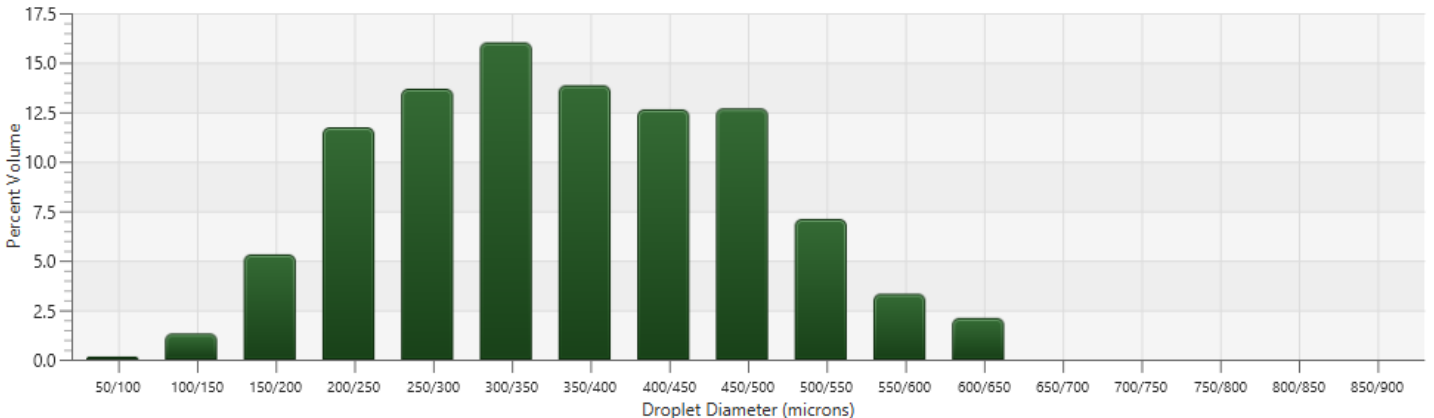
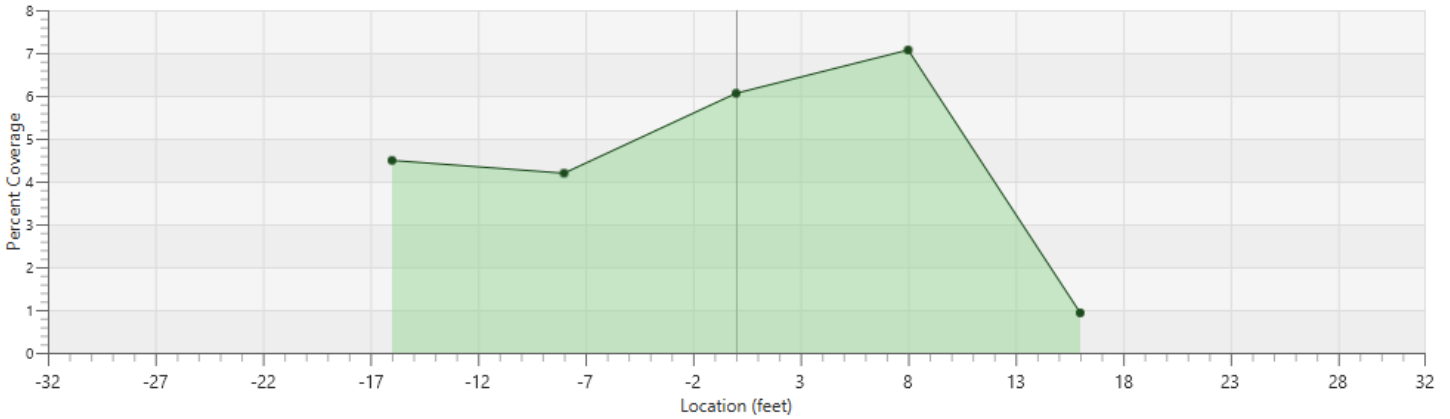
N0001 - 1

*See Page 1 - Pass 3 for weather data.
 **DD = DS / ((0.0000 x DS^2) + (0.0009 x DS) + 1.6333))

		DV0.1	VMD	DV0.9	Relative Span	Droplet Spectrum Category
	USDA Model Predicted	0 μm	0 μm	0 μm	Unknown	Very Fine
Composite Data	4.55% Coverage	212 μm	353 μm	531 μm	0.90	Medium



Location	VMD	DV01	DV09	COV	Drops/in^2
L-16	270	188	389	4.49%	151
L-8	298	183	497	4.19%	120
CENTER	390	237	486	6.06%	93
R-8	426	298	548	7.07%	64
R-16	422	272	509	0.93%	4



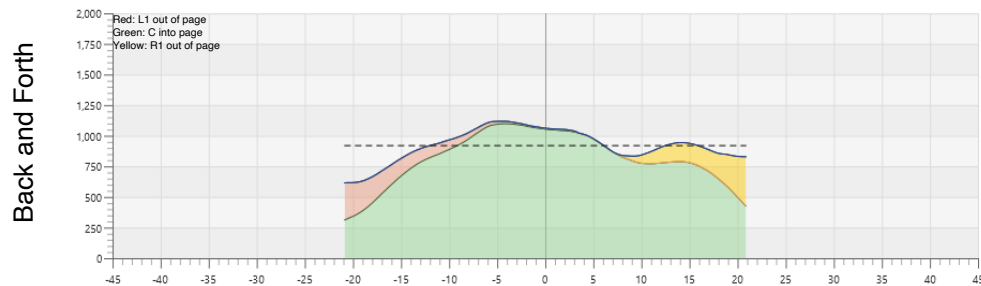
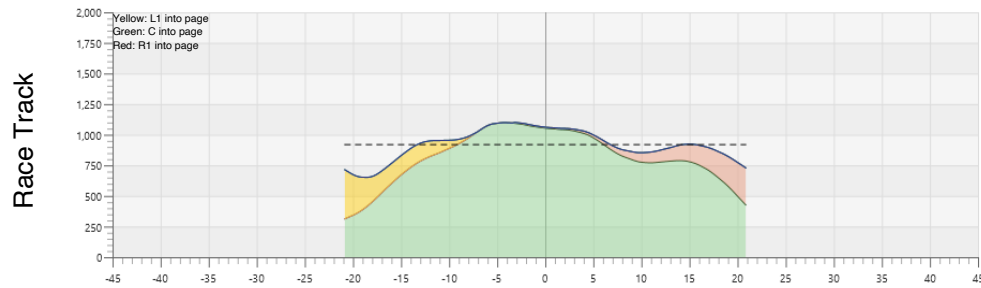
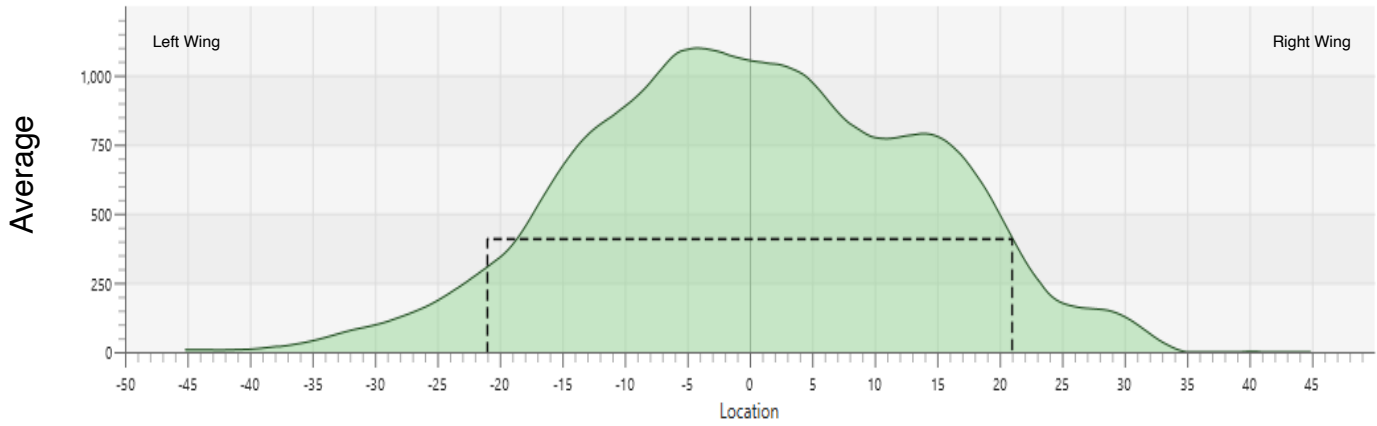
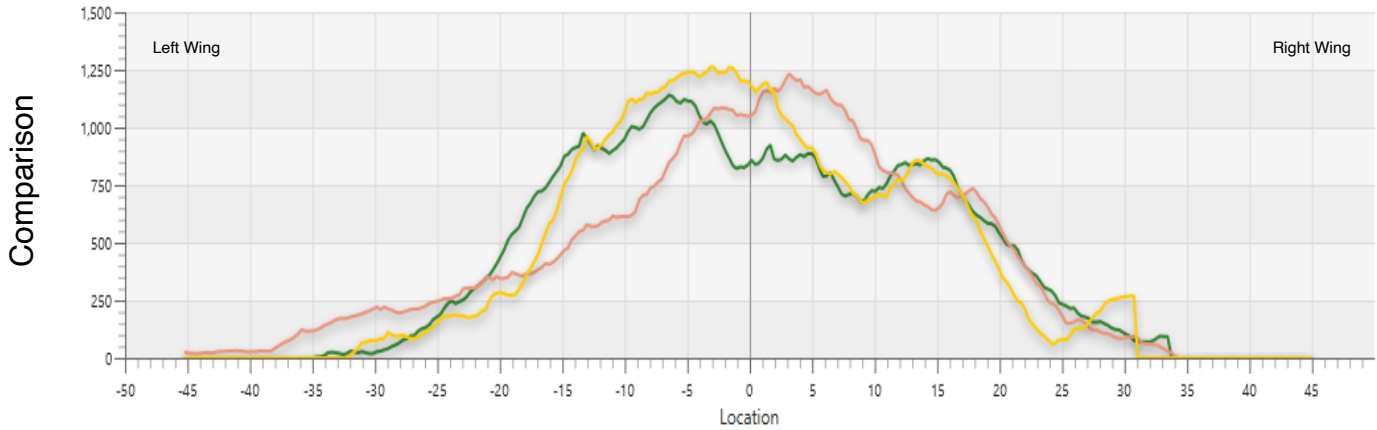
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N0001 - 2

Aircraft	Reg. #: N0001		Configuration	Boom Pressure (PSI):		Series Data	Pass 1	Pass 2	Pass 3	Pass 4	Pass 5	Pass 6	Avg.	Droplet Data on Page 2
	Series #: 2	Make: DJI		Model: T100	Target Rate (GPA): 2		Target Swath (FT): 42	Airspeed (MPH): 54	55	52	-	-		
% Boom Width: -	Boom Drop (IN): -	Winglets?: No	Standard (x2)	Orif. #: N/A, Def: N/A	Release Height (FT): 16.4	16.4	16.4	-	-	-	16.4			
					Wind Velocity (MPH): 9	10	7	-	-	-	8.7			
					Cross-Wind (MPH): -2.2	1.7	-0.1	-	-	-	-0.2			
					Ambient Temp (F): -	-	-	-	-	-	52			
					Rel Humidity (%): -	-	-	-	-	-	53			

Notes: Droplet size: 400



Swath (FT)	CV (RT)	CV (BF)
33	8 %	8 %
34	7 %	9 %
35	7 %	8 %
36	6 %	9 %
37	6 %	9 %
38	7 %	9 %
39	8 %	10 %
40	10 %	11 %
41	12 %	13 %
42	14 %	14 %
43	15 %	16 %
44	18 %	18 %
45	20 %	20 %
46	22 %	22 %
47	24 %	24 %
48	26 %	26 %
49	28 %	28 %
50	30 %	30 %
51	32 %	32 %

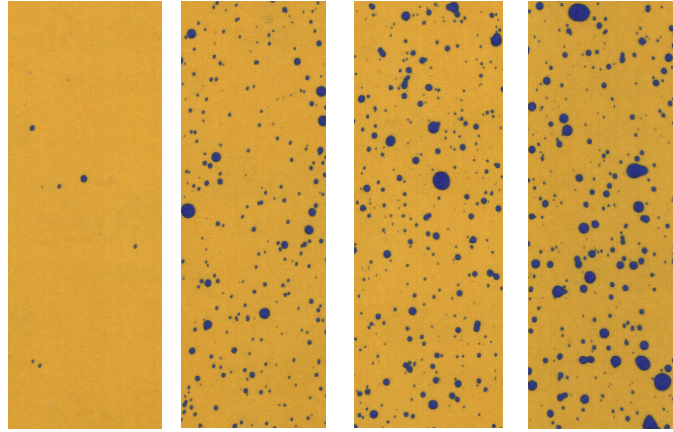
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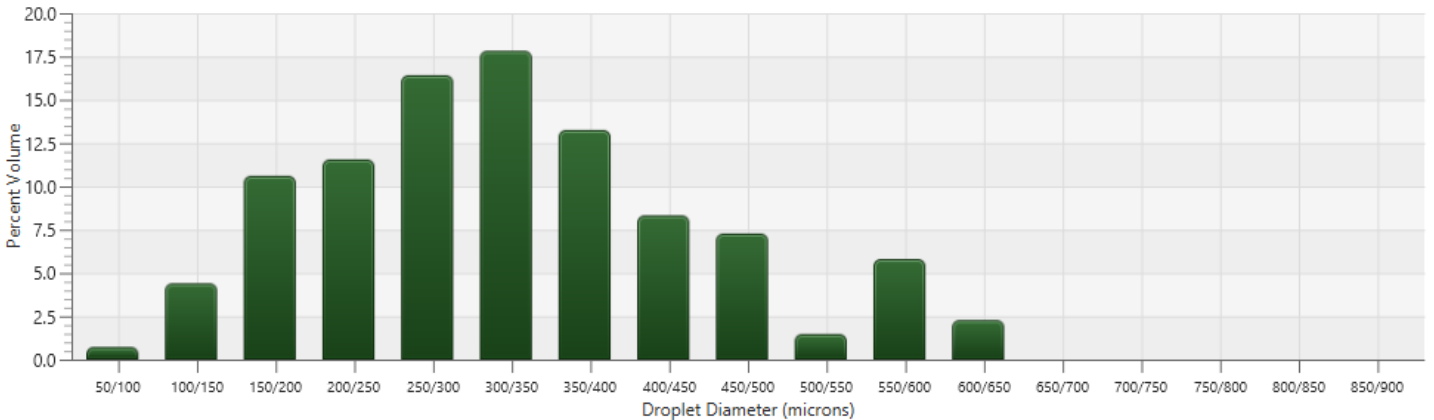
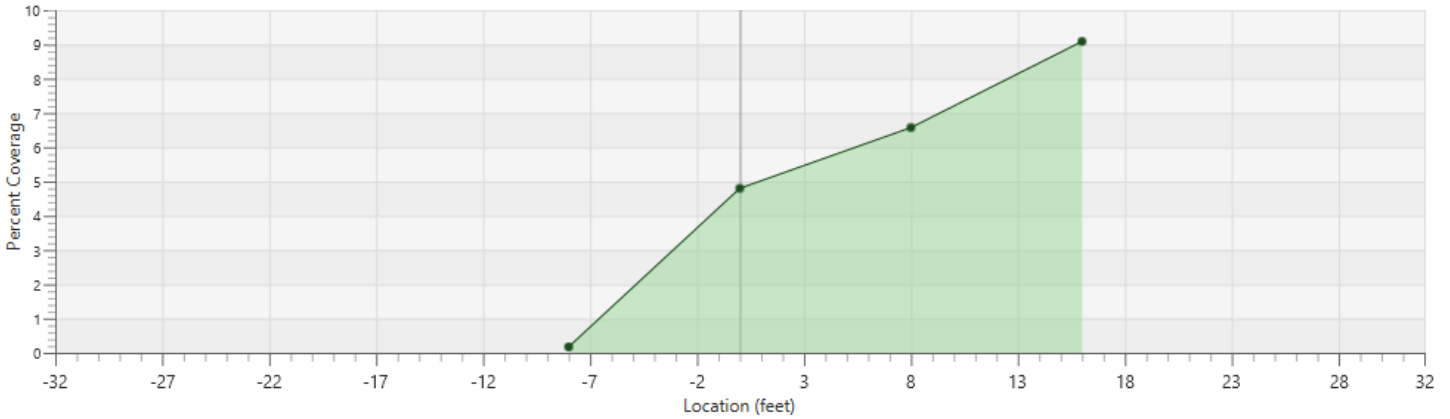
N0001 - 2

*See Page 1 - Pass 3 for weather data.
 **DD = DS / ((0.0000 x DS^2) + (0.0009 x DS) + 1.6333))

		DV0.1	VMD	DV0.9	Relative Span	Droplet Spectrum Category
	USDA Model Predicted	0 μm	0 μm	0 μm	Unknown	Very Fine
Composite Data	5.16% Coverage	180 μm	317 μm	488 μm	0.97	Medium



L-8 VMD: 247 DV01: 181 DV09: 317 COV: 0.17% 8 drops/in^2	CENTER VMD: 240 DV01: 165 DV09: 400 COV: 4.80% 208 drops/in^2	R-8 VMD: 303 DV01: 168 DV09: 463 COV: 6.57% 264 drops/in^2	R-16 VMD: 358 DV01: 203 DV09: 561 COV: 9.09% 230 drops/in^2
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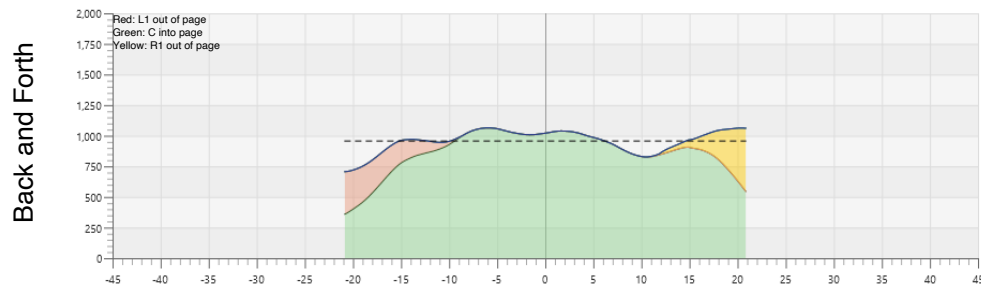
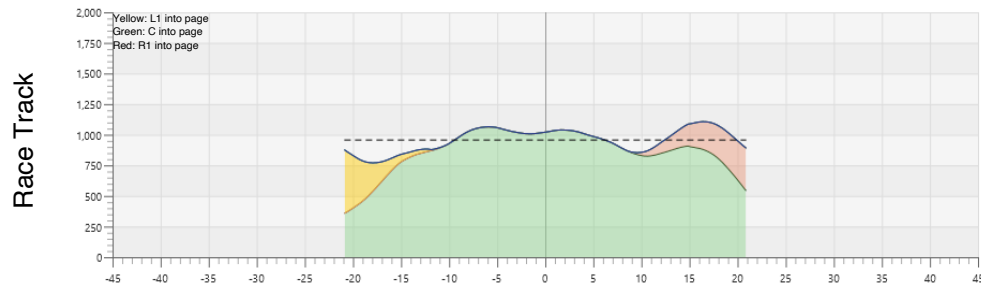
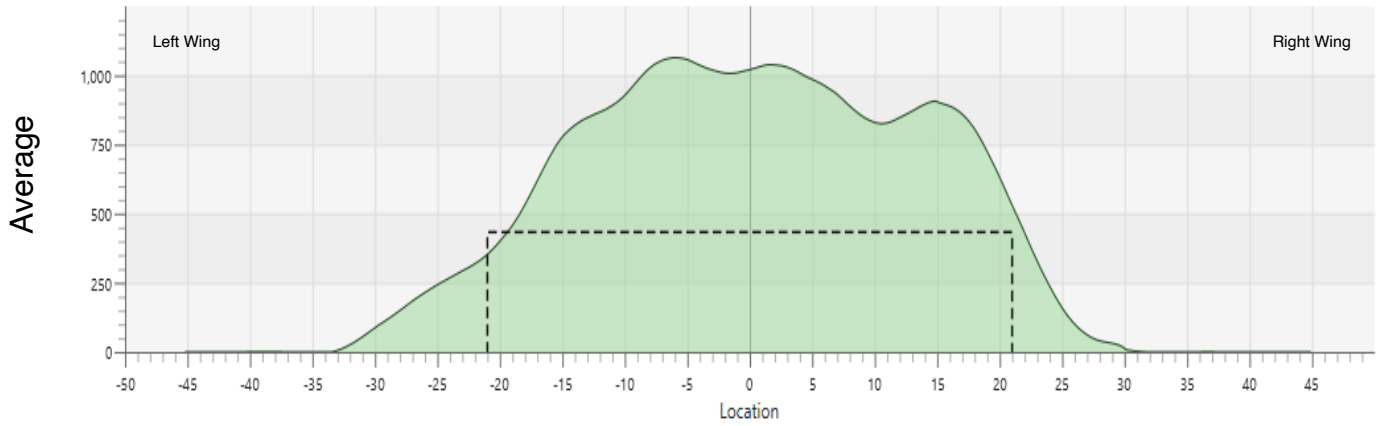
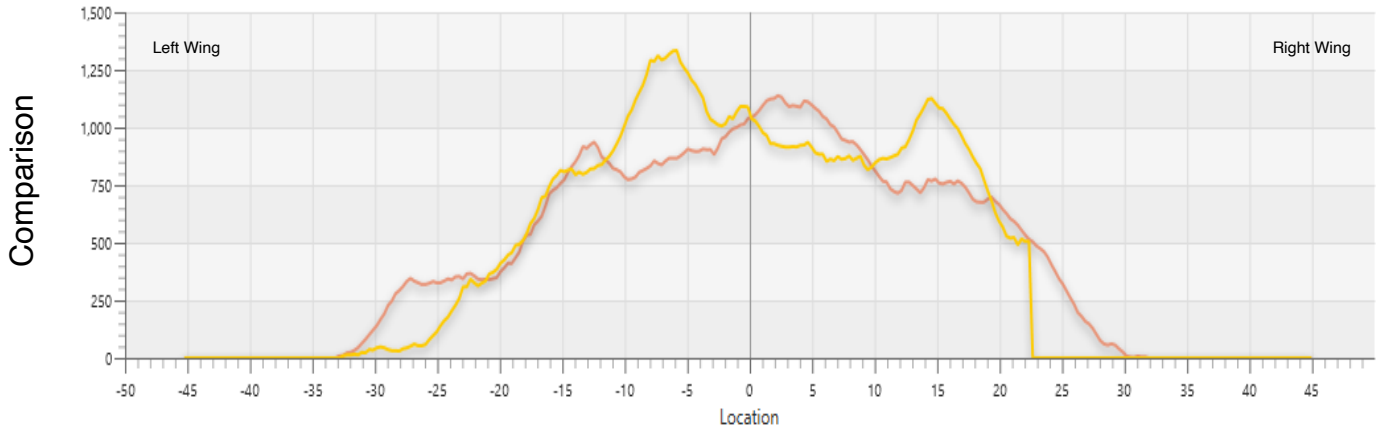
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N0001 - 3

Aircraft	Reg. #: N0001	Configuration	Boom Pressure (PSI):	Series Data	Pass 1	Pass 2	Pass 3	Pass 4	Pass 5	Pass 6	Avg. 52
	Series #: 3		Target Rate (GPA): 2		-	50	55	-	-	-	
	Make: DJI		Target Swath (FT): 42		-	16.4	1+6.4	-	-	-	
	Model: T100		Standard (x2)		-	6	10	-	-	-	
	% Boom Width: -		Orif. #: N/A, Def: N/A		-	3.0	-2.4	-	-	-	
	Boom Drop (IN): -										
	Winglets?: No										

Notes: Droplet size: 280



Swath (FT)	CV (RT)	CV (BF)
33	14 %	16 %
34	13 %	16 %
35	11 %	14 %
36	10 %	14 %
37	9 %	14 %
38	7 %	11 %
39	7 %	11 %
40	7 %	10 %
41	8 %	9 %
42	10 %	9 %
43	12 %	10 %
44	14 %	12 %
45	16 %	14 %
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48	23 %	21 %
49	25 %	24 %
50	28 %	27 %
51	30 %	30 %

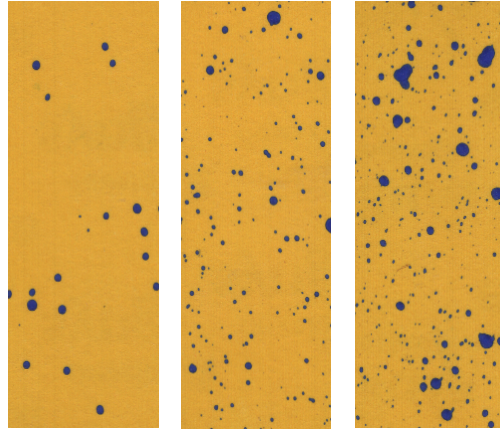
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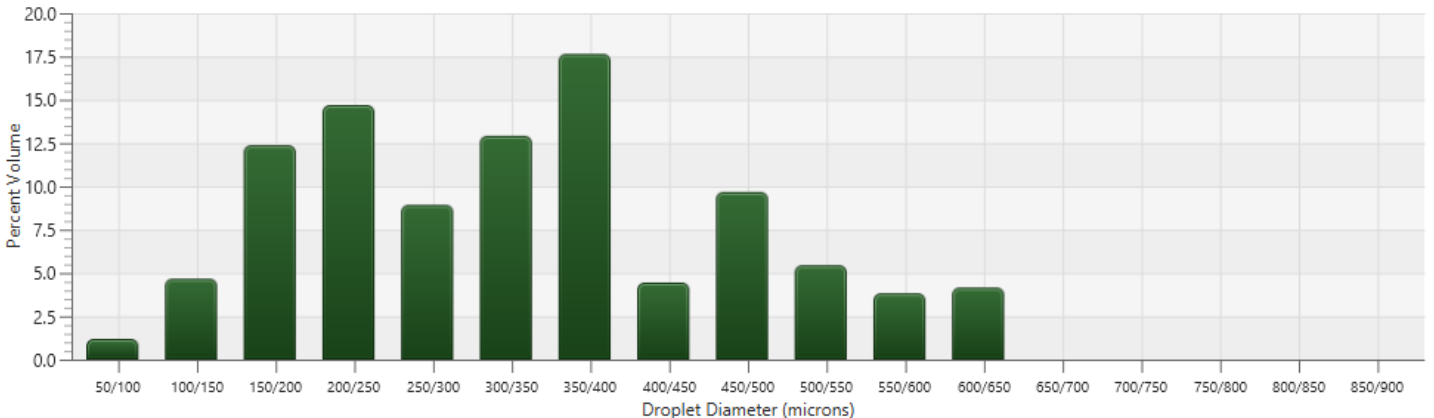
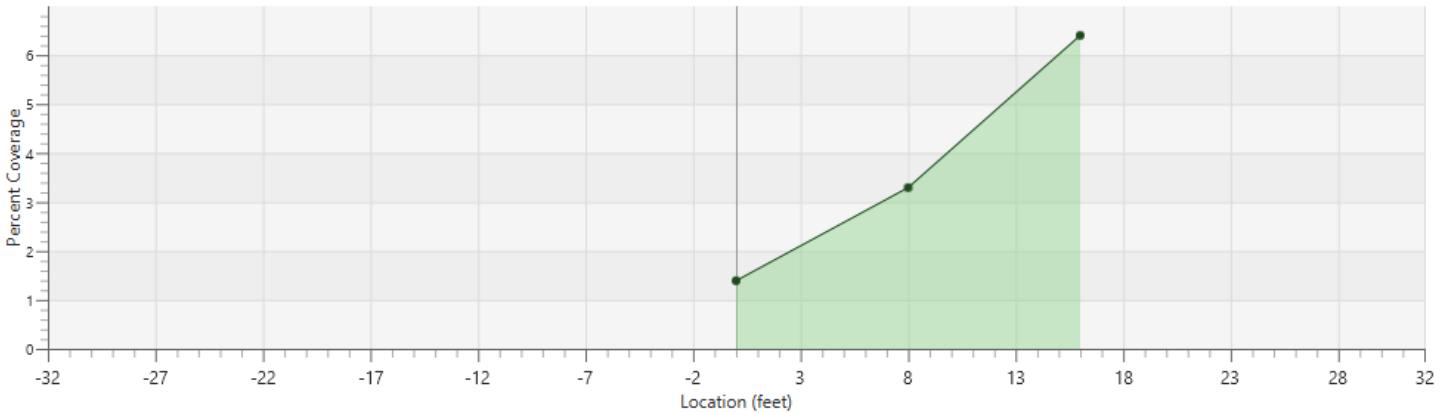
N0001 - 3

*See Page 1 - Pass 3 for weather data.
 **DD = DS / ((0.0000 x DS^2) + (0.0009 x DS) + 1.6333))

		DV0.1	VMD	DV0.9	Relative Span	Droplet Spectrum Category
	USDA Model Predicted	0 μm	0 μm	0 μm	Unknown	Very Fine
Composite Data	3.70% Coverage	168 μm	326 μm	517 μm	1.07	Medium



CENTER VMD: 360 DV01: 321 DV09: 410 COV: 1.39% 16 drops/in ²	R-8 VMD: 243 DV01: 165 DV09: 384 COV: 3.29% 151 drops/in ²	R-16 VMD: 352 DV01: 161 DV09: 567 COV: 6.40% 271 drops/in ²
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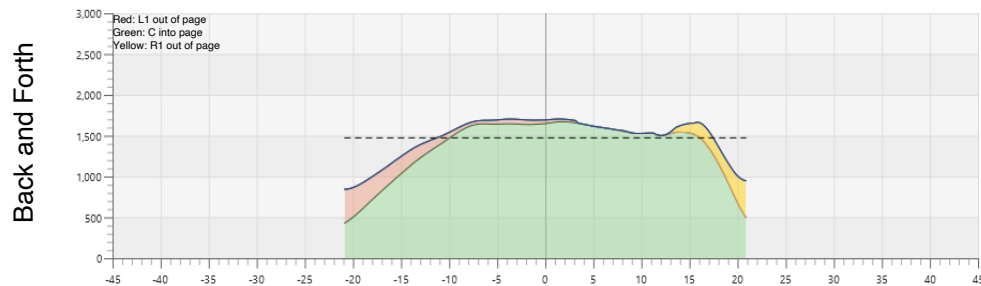
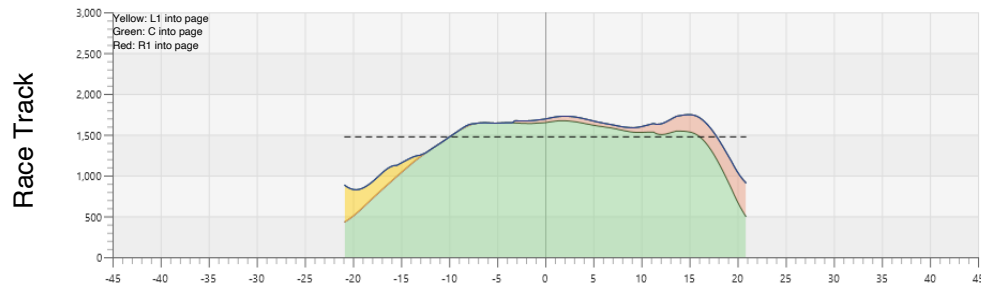
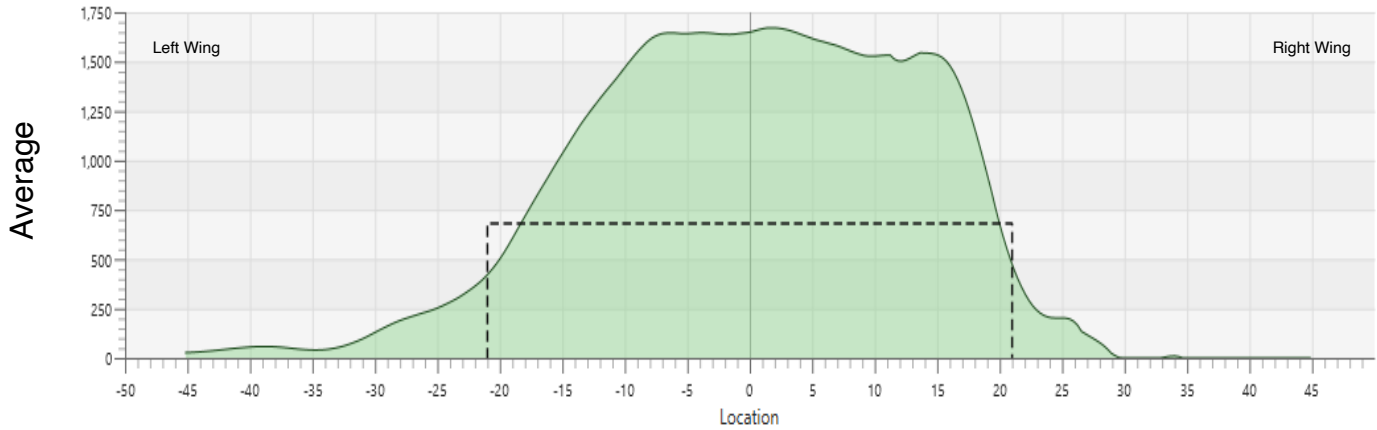
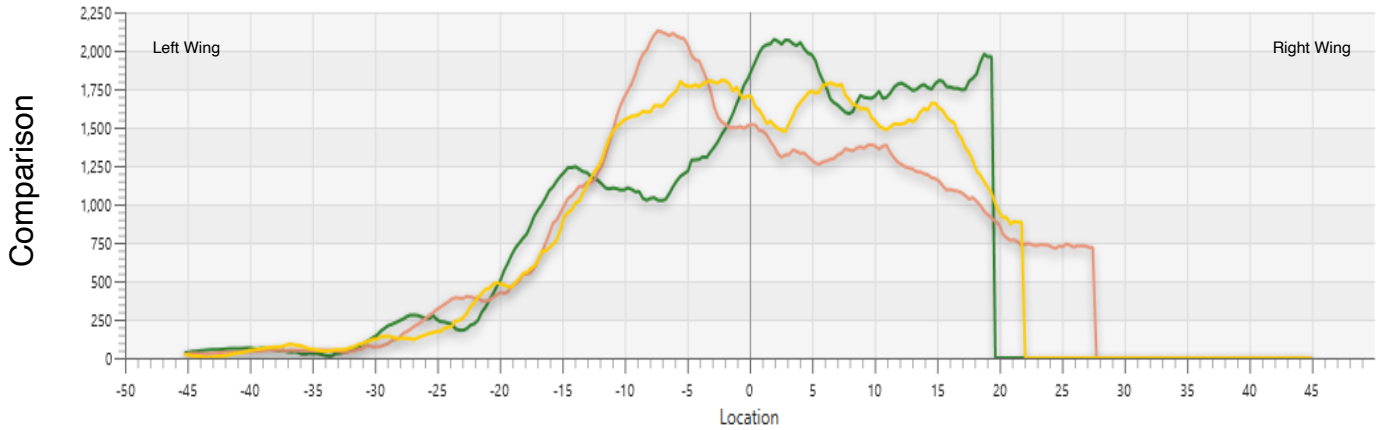
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 Analyst: Alan Corr

N0001 - 4

Aircraft	Reg. #: N0001		Configuration	Boom Pressure (PSI):		Series Data	Pass 1	Pass 2	Pass 3	Pass 4	Pass 5	Pass 6	Avg.	Droplet Data on Page 2
	Series #: 4	Make: DJI		Model: T100	Target Rate (GPA): 2		Target Swath (FT): 42	Airspeed (MPH): 56	54	52	-	-		
% Boom Width: -	Boom Drop (IN): -	Winglets?: No	Standard (x2)	Orif. #: N/A, Def: N/A	Release Height (FT): 16.4	16.4	16.4	-	-	-	16.4			
					Wind Velocity (MPH): 12	9	7	-	-	-	9.3			
					Cross-Wind (MPH): -4.3	-0.5	-0.1	-	-	-	-1.6			
					Ambient Temp (F): -	-	-	-	-	-	50			
					Rel Humidity (%): -	-	-	-	-	-	53			

Notes: Droplet size: 150



Swath (FT)	CV (RT)	CV (BF)
33	9 %	14 %
34	8 %	14 %
35	7 %	10 %
36	7 %	11 %
37	8 %	10 %
38	10 %	9 %
39	11 %	11 %
40	14 %	12 %
41	16 %	15 %
42	19 %	17 %
43	21 %	20 %
44	24 %	22 %
45	26 %	25 %
46	29 %	27 %
47	31 %	29 %
48	33 %	32 %
49	36 %	35 %
50	38 %	37 %
51	40 %	39 %

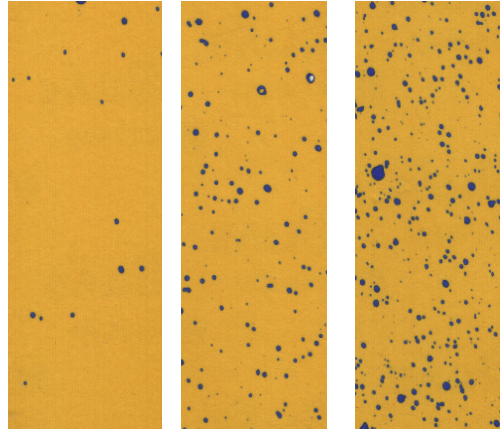
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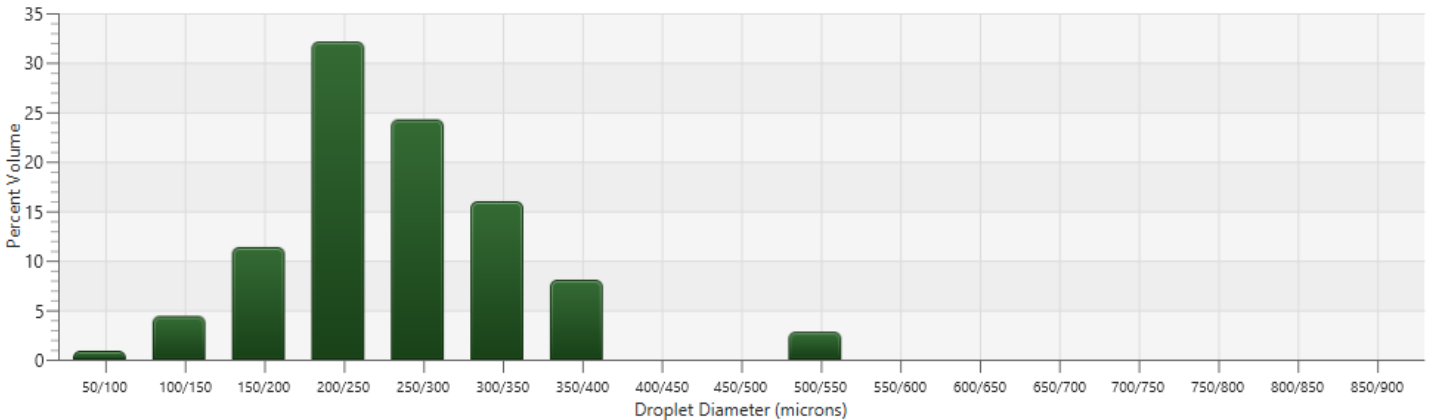
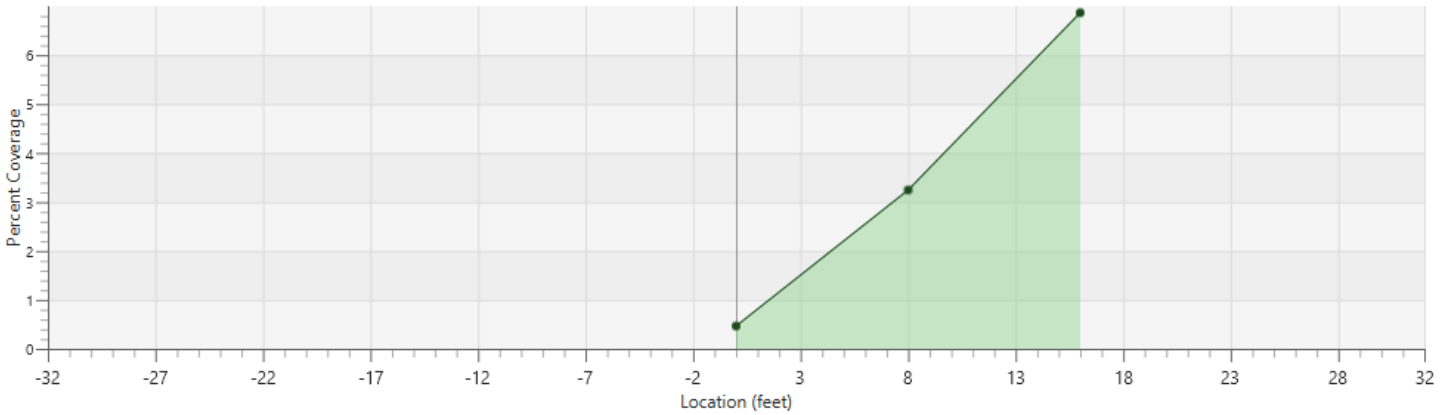
N0001 - 4

*See Page 1 - Pass 3 for weather data.
 **DD = DS / ((0.0000 x DS^2) + (0.0009 x DS) + 1.6333))

		DV0.1	VMD	DV0.9	Relative Span	Droplet Spectrum Category
	USDA Model Predicted	0 μm	0 μm	0 μm	Unknown	Very Fine
Composite Data	3.52% Coverage	174 μm	252 μm	352 μm	0.70	Medium



CENTER VMD: 273 DV01: 206 DV09: 323 COV: 0.47% 12 drops/in ²	R-8 VMD: 257 DV01: 197 DV09: 338 COV: 3.24% 134 drops/in ²	R-16 VMD: 247 DV01: 165 DV09: 367 COV: 6.87% 324 drops/in ²
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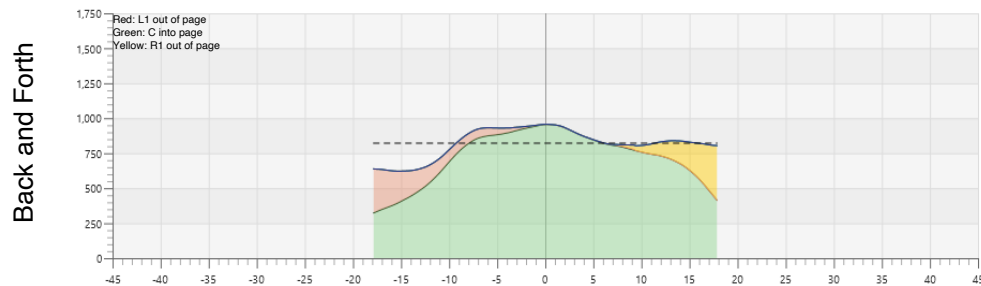
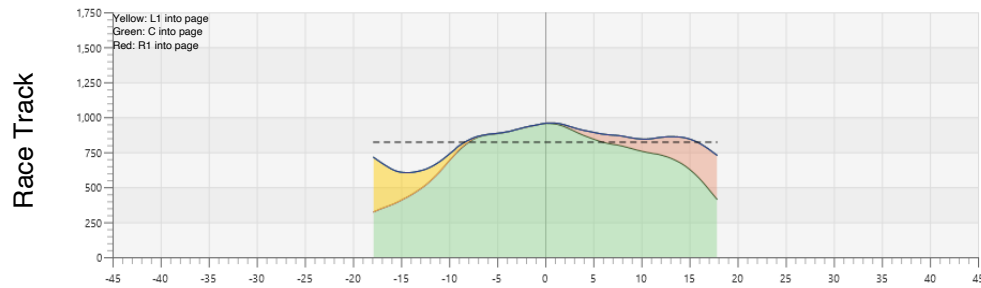
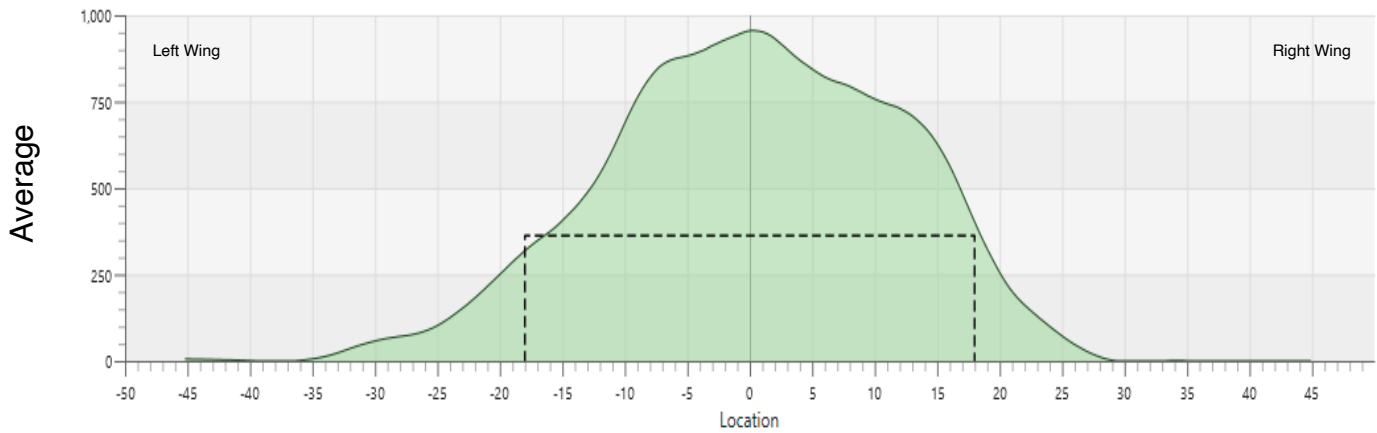
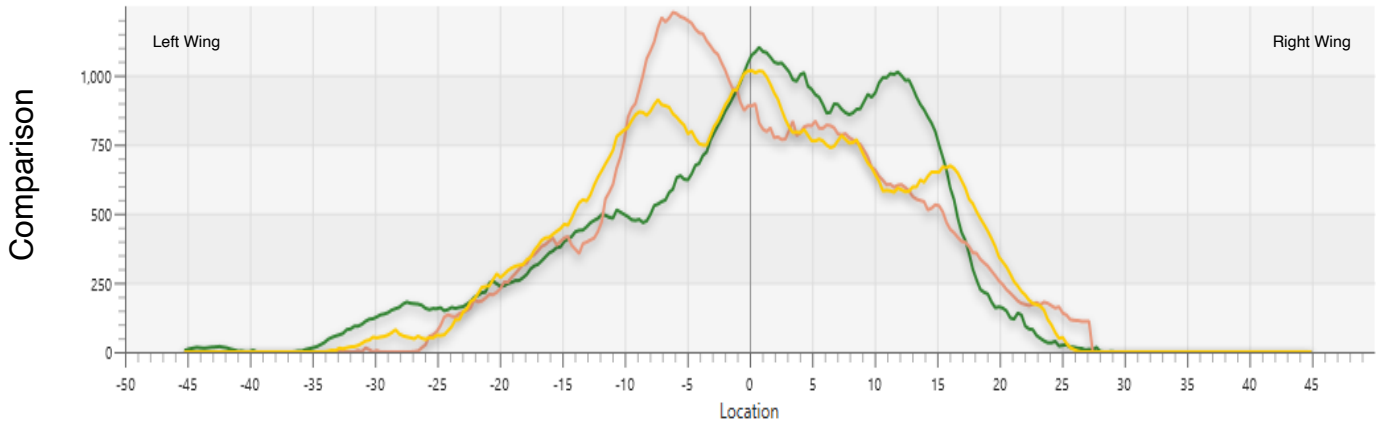
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N0001 - 5

Aircraft	Reg. #: N0001	Configuration	Boom Pressure (PSI):	Series Data	Pass 1	Pass 2	Pass 3	Pass 4	Pass 5	Pass 6	Avg.	Droplet Data on Page 2
	Series #: 5		Target Rate (GPA): 2		43	39	37	-	-	-	39	
	Make: DJI		Target Swath (FT): 36		13	13	13	-	-	-	13.0	
	Model: T100		Standard (x2)		12	8	6	-	-	-	8.7	
	% Boom Width: -		Orif. #: N/A, Def: N/A		0.4	0.4	0.2	-	-	-	0.3	
	Boom Drop (IN): -				-	-	-	-	-	-	50	
	Winglets?: No				-	-	-	-	-	-	53	

Notes: Droplet size: 500



Swath (FT)	CV (RT)	CV (BF)
27	21 %	10 %
28	19 %	10 %
29	13 %	9 %
30	3 %	10 %
31	4 %	10 %
32	6 %	9 %
33	7 %	10 %
34	9 %	10 %
35	11 %	11 %
36	13 %	13 %
37	15 %	14 %
38	17 %	16 %
39	20 %	19 %
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41	25 %	23 %
42	27 %	26 %
43	29 %	28 %
44	32 %	31 %
45	34 %	33 %

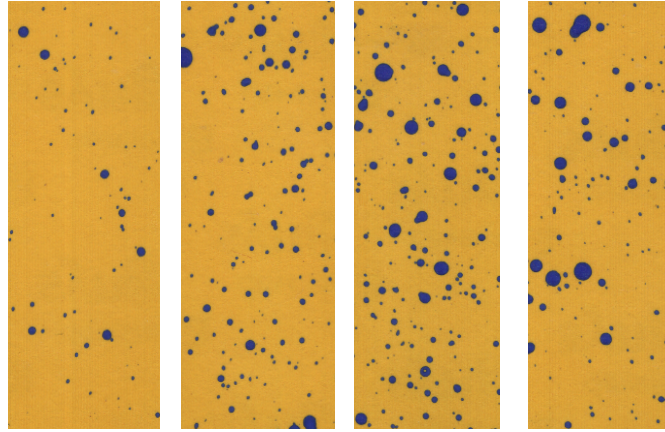
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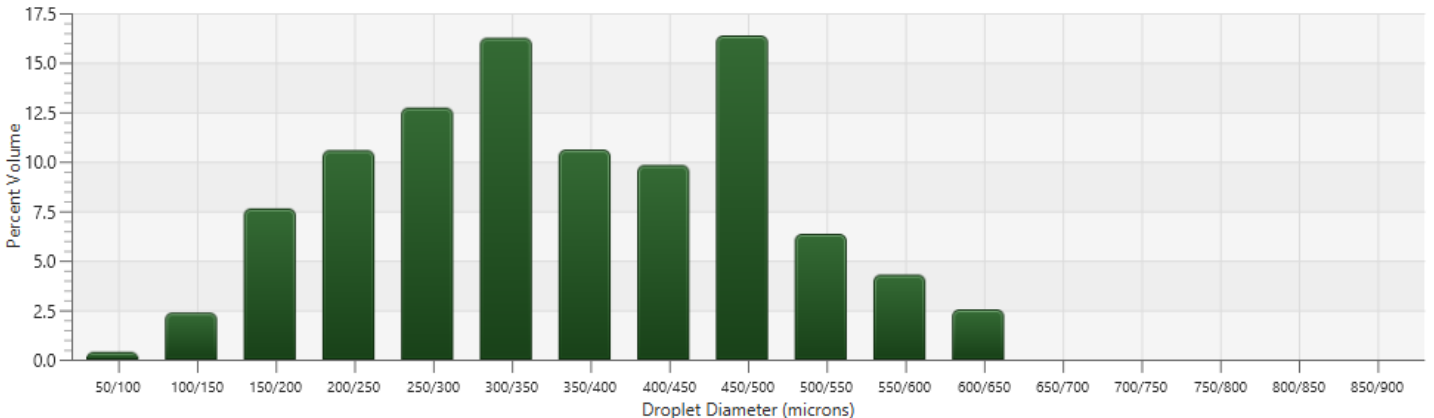
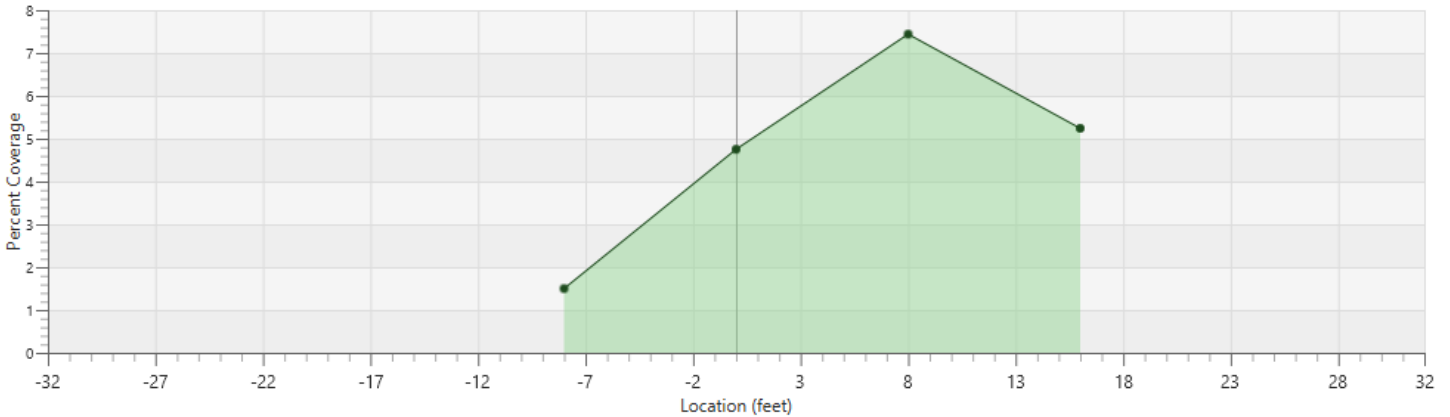
N0001 - 5

*See Page 1 - Pass 3 for weather data.
 **DD = DS / ((0.0000 x DS^2) + (0.0009 x DS) + 1.6333)

		DV0.1	VMD	DV0.9	Relative Span	Droplet Spectrum Category
	USDA Model Predicted	0 μm	0 μm	0 μm	Unknown	Very Fine
Composite Data	4.73% Coverage	196 μm	349 μm	516 μm	0.92	Medium



L-8 VMD: 351 DV01: 167 DV09: 421 COV: 1.50% 65 drops/in ²	CENTER VMD: 294 DV01: 200 DV09: 416 COV: 4.75% 132 drops/in ²	R-8 VMD: 345 DV01: 206 DV09: 509 COV: 7.44% 166 drops/in ²	R-16 VMD: 412 DV01: 200 DV09: 574 COV: 5.24% 107 drops/in ²
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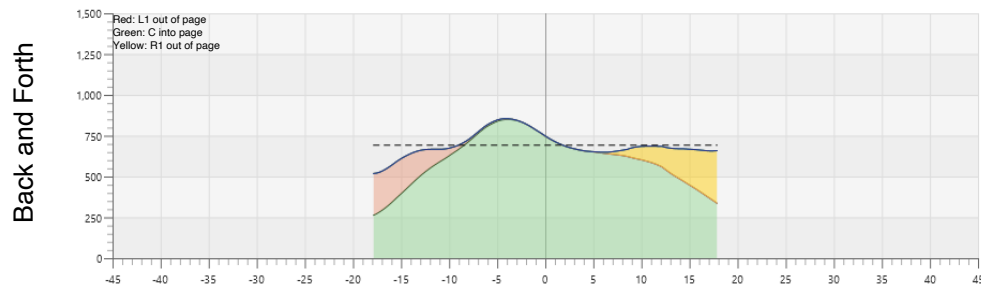
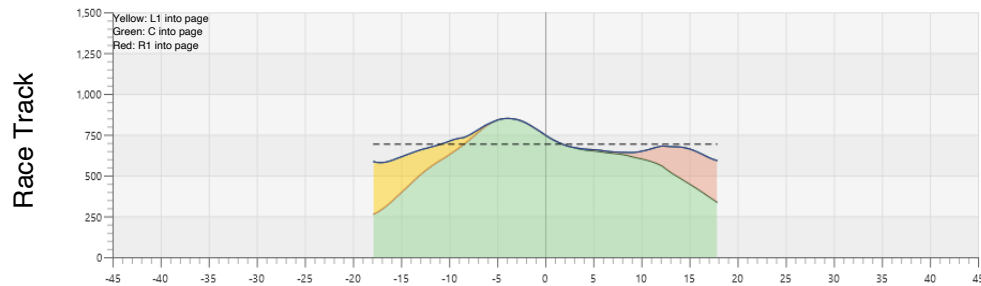
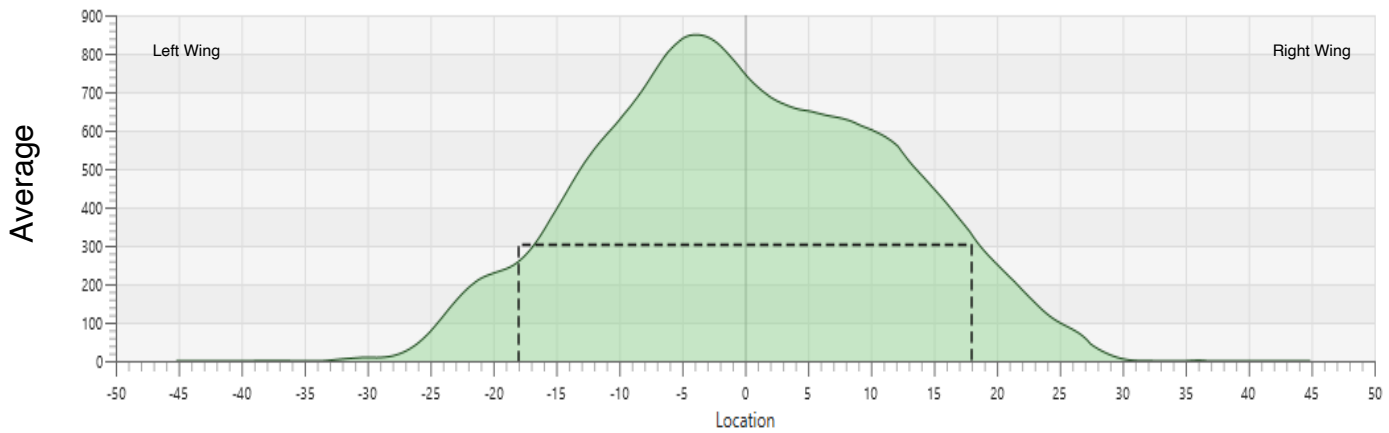
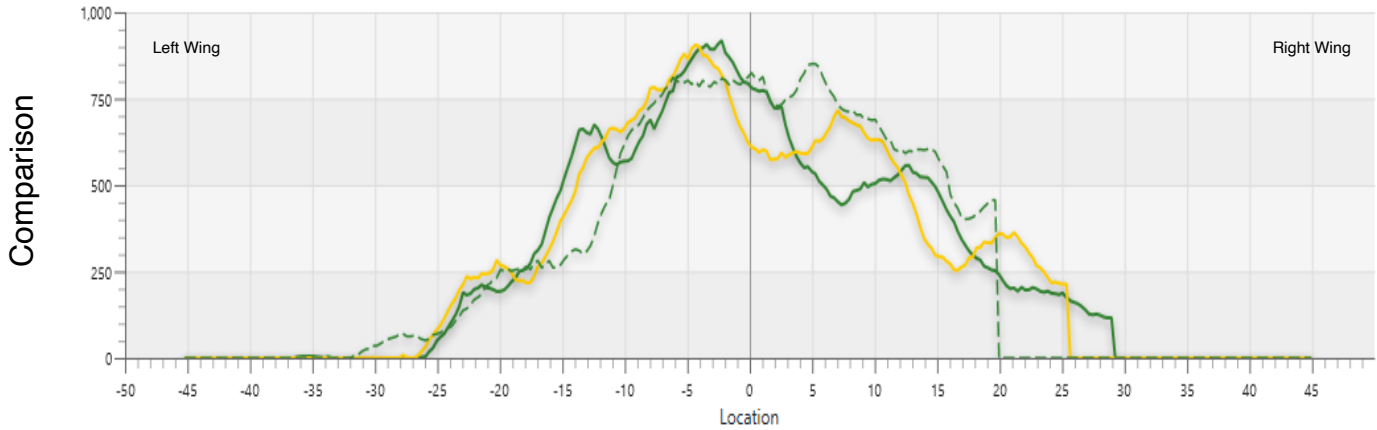
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N0001 - 6

Aircraft	Configuration		Series Data	Passes						Avg.	Droplet Data on Page 2
	Reg. #:	Boom Pressure (PSI):		Pass 1	Pass 2	Pass 3	Pass 4	Pass 5	Pass 6		
Series #:	N0001	Target Rate (GPA): 2	Airspeed (MPH):	39	-	40	39	-	-	39	
Make:	DJI	Target Swath (FT): 36	Release Height (FT):	13	-	13	13	-	-	13.0	
Model:	T100	Standard (x2)	Wind Velocity (MPH):	8	-	9	8	-	-	8.3	
% Boom Width:	-	Orif. #: N/A, Def: N/A	Cross-Wind (MPH):	0.7	-	-2.3	-1.7	-	-	-1.1	
Boom Drop (IN):	-		Ambient Temp (F):	-	-	-	-	-	-	50	
Winglets?:	No		Rel Humidity (%):	-	-	-	-	-	-	53	

Notes: Droplet size: 400



Swath (FT)	CV (RT)	CV (BF)
27	21 %	8 %
28	19 %	8 %
29	14 %	8 %
30	8 %	7 %
31	8 %	7 %
32	8 %	7 %
33	8 %	8 %
34	8 %	8 %
35	9 %	10 %
36	11 %	11 %
37	12 %	13 %
38	14 %	15 %
39	16 %	17 %
40	19 %	19 %
41	21 %	21 %
42	24 %	24 %
43	26 %	26 %
44	29 %	29 %
45	31 %	31 %

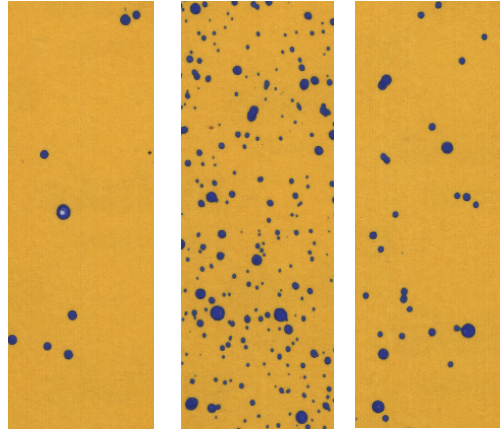
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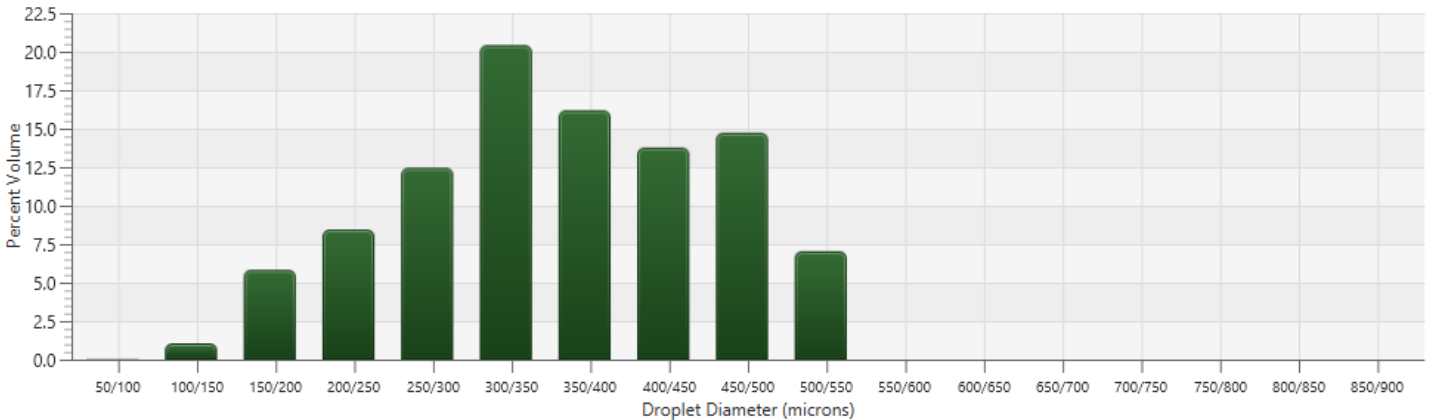
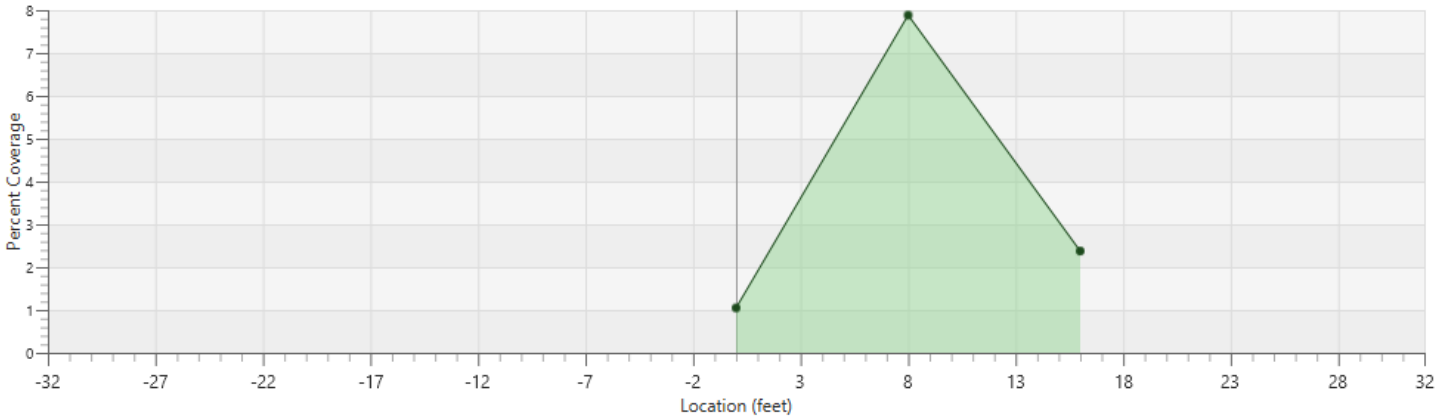
N0001 - 6

*See Page 1 - Pass 4 for weather data.
 **DD = DS / ((0.0000 x DS^2) + (0.0009 x DS) + 1.6333))

		DV0.1	VMD	DV0.9	Relative Span	Droplet Spectrum Category
	USDA Model Predicted	0 μm	0 μm	0 μm	Unknown	Very Fine
Composite Data	3.77% Coverage	218 μm	356 μm	487 μm	0.75	Medium



CENTER VMD: 395 DV01: 344 DV09: 442 COV: 1.05% 10 drops/in ²	R-8 VMD: 335 DV01: 200 DV09: 485 COV: 7.88% 179 drops/in ²	R-16 VMD: 357 DV01: 305 DV09: 496 COV: 2.38% 24 drops/in ²
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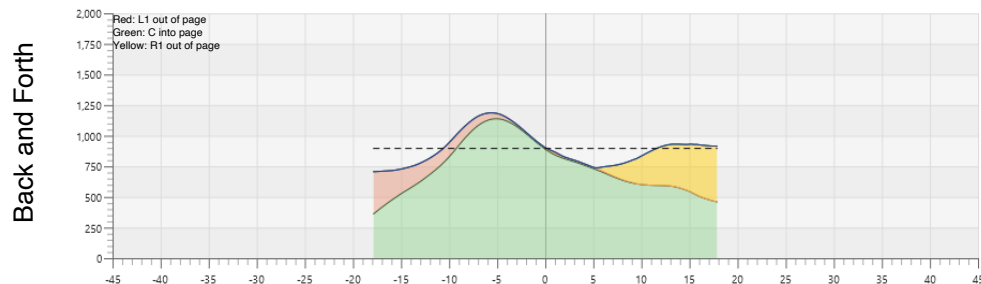
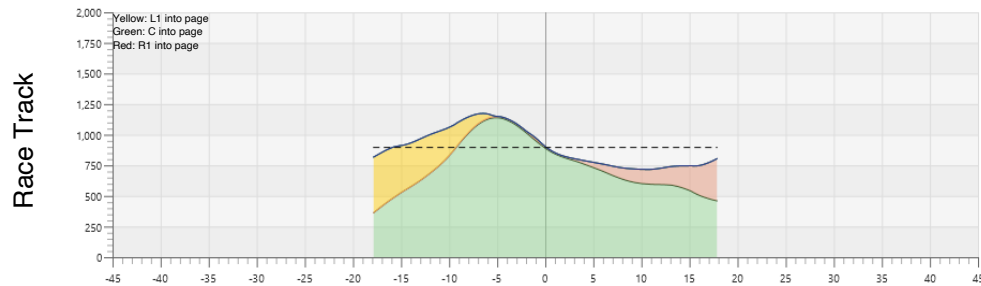
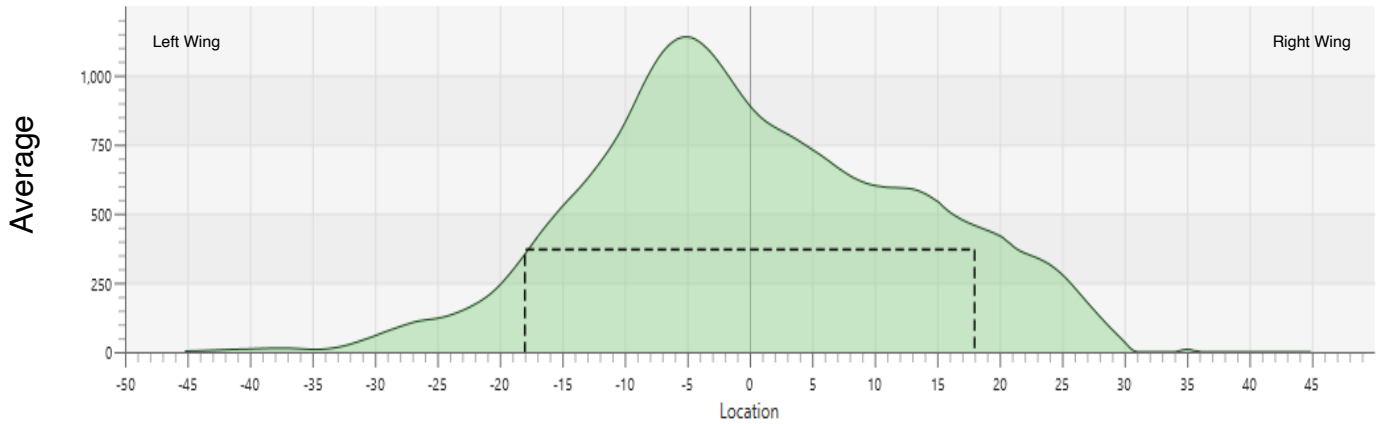
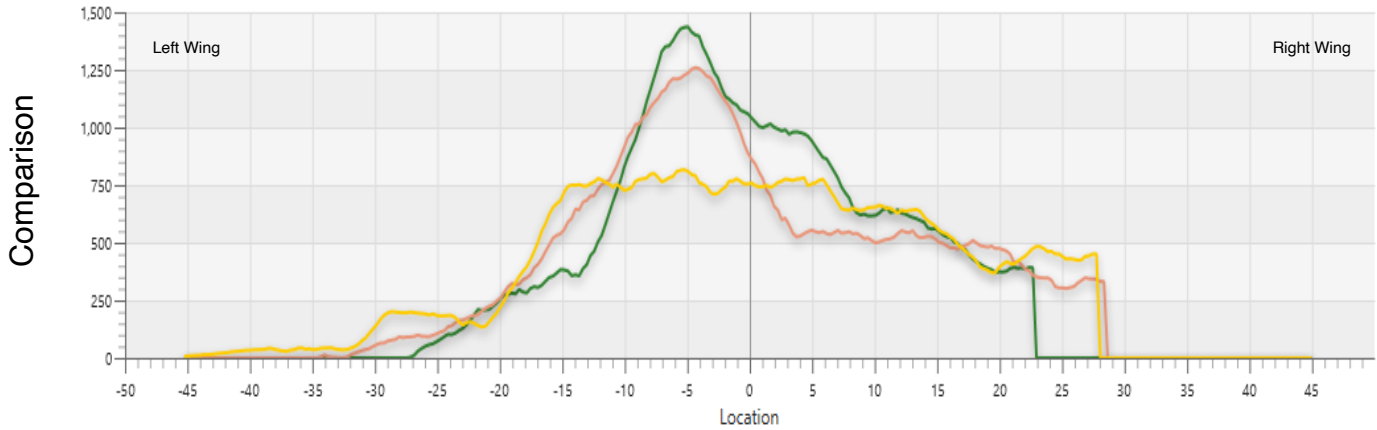
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N0001 - 7

Aircraft	Reg. #: N0001		Configuration	Boom Pressure (PSI):		Series Data						Avg.	Droplet Data on Page 2
	Series #: 7	Make: DJI		Target Rate (GPA): 2	Target Swath (FT): 36	Pass 1	Pass 2	Pass 3	Pass 4	Pass 5	Pass 6		
	Model: T100	% Boom Width: -		Standard (x2)	Airspeed (MPH): 41	41	40	-	-	-	40		
	Boom Drop (IN): -	Winglets?: No		Orif. #: N/A, Def: N/A	Release Height (FT): 13	13	13	-	-	-	13.0		
					Wind Velocity (MPH): 10	10	9	-	-	-	9.7		
					Cross-Wind (MPH): 0.2	0.0	-0.8	-	-	-	-0.2		
					Ambient Temp (F): -	-	-	-	-	-	54		
					Rel Humidity (%): -	-	-	-	-	-	49		

Notes: Droplet size: 280



Swath (FT)	CV (RT)	CV (BF)
27	24 %	6 %
28	23 %	6 %
29	21 %	7 %
30	19 %	8 %
31	19 %	9 %
32	19 %	11 %
33	19 %	12 %
34	18 %	13 %
35	17 %	15 %
36	17 %	16 %
37	17 %	17 %
38	18 %	19 %
39	18 %	20 %
40	19 %	21 %
41	21 %	23 %
42	22 %	25 %
43	23 %	26 %
44	25 %	28 %
45	27 %	30 %

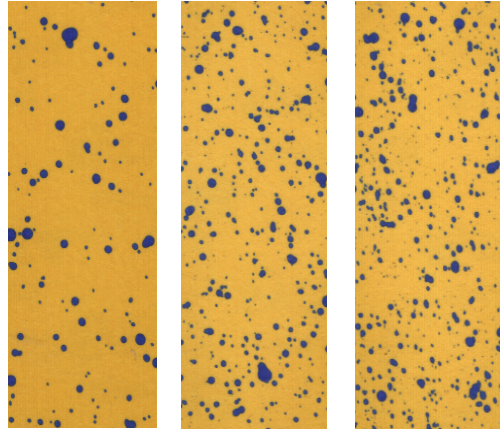
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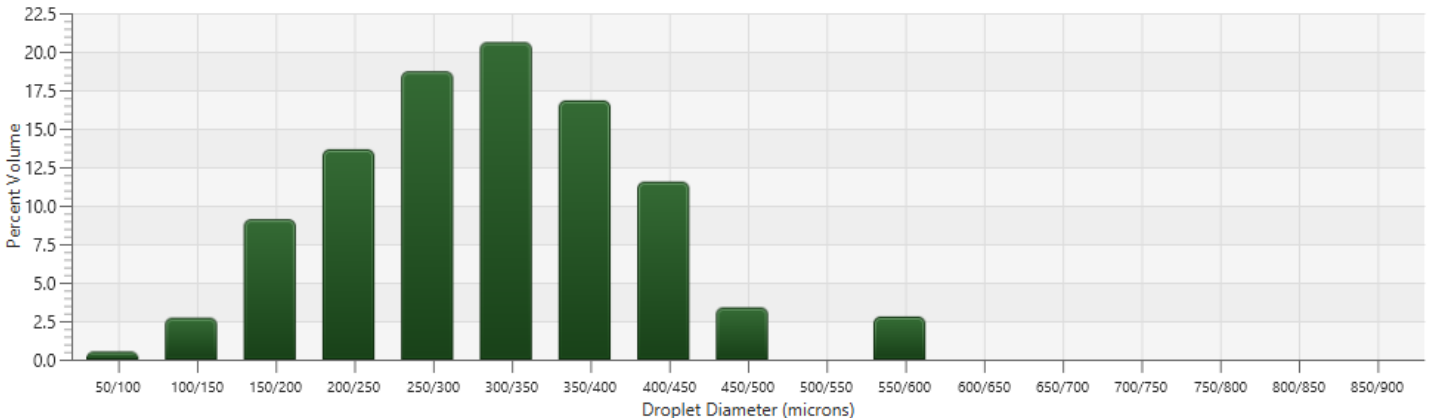
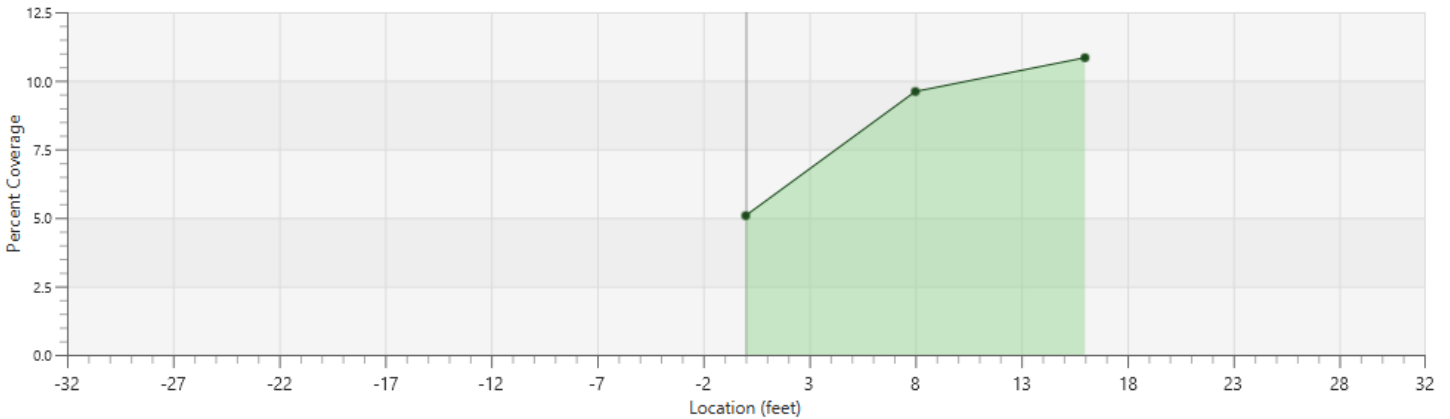
N0001 - 7

*See Page 1 - Pass 4 for weather data.
 **DD = DS / ((0.0000 x DS^2) + (0.0009 x DS) + 1.6333))

		DV0.1	VMD	DV0.9	Relative Span	Droplet Spectrum Category
	USDA Model Predicted	0 μm	0 μm	0 μm	Unknown	Very Fine
Composite Data	8.51% Coverage	188 μm	310 μm	425 μm	0.76	Medium



CENTER VMD: 340 DV01: 198 DV09: 468 COV: 5.08% 101 drops/in^2	R-8 VMD: 302 DV01: 184 DV09: 415 COV: 9.61% 307 drops/in^2	R-16 VMD: 300 DV01: 183 DV09: 426 COV: 10.84% 379 drops/in^2
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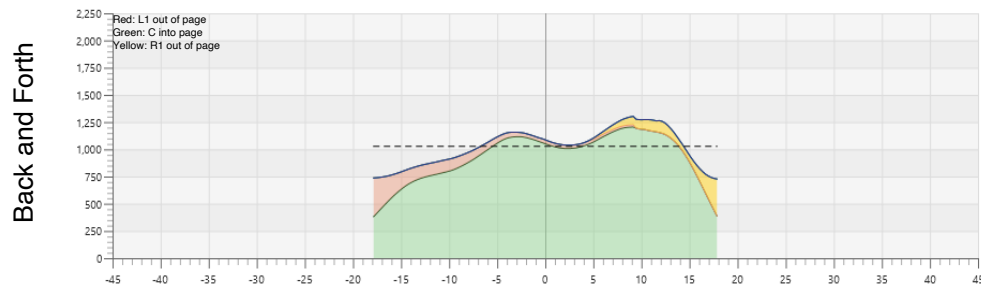
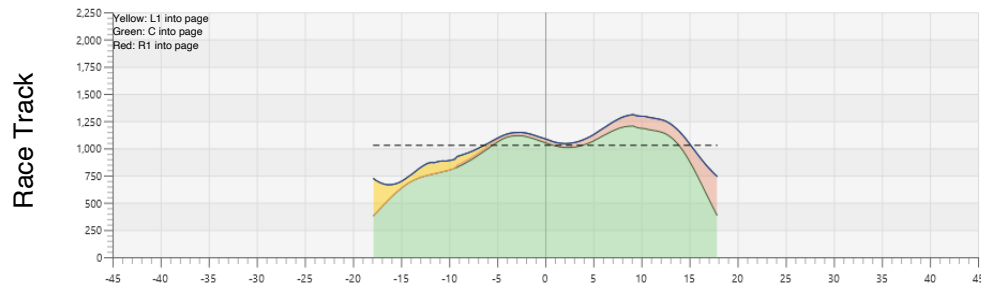
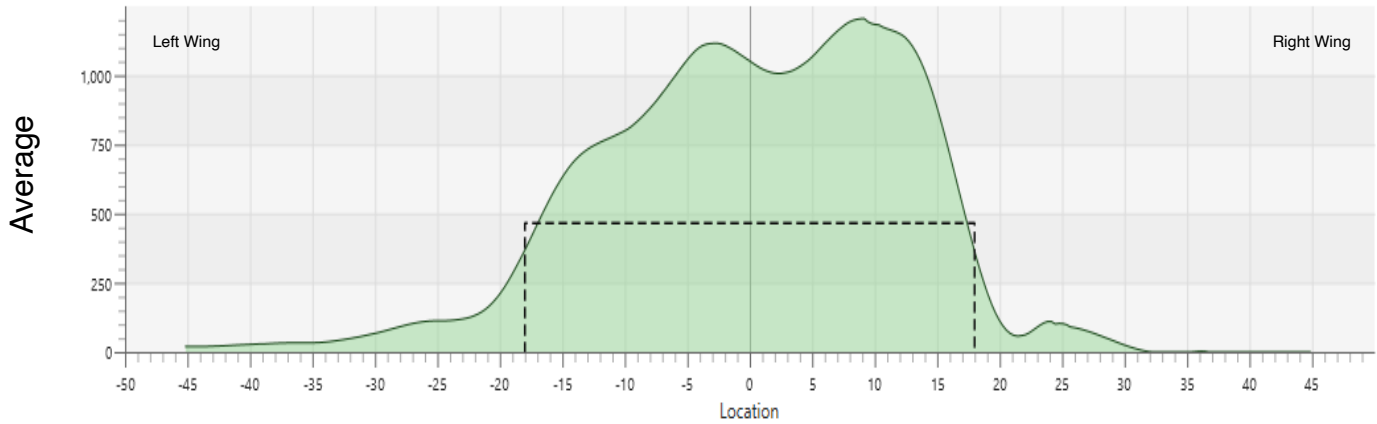
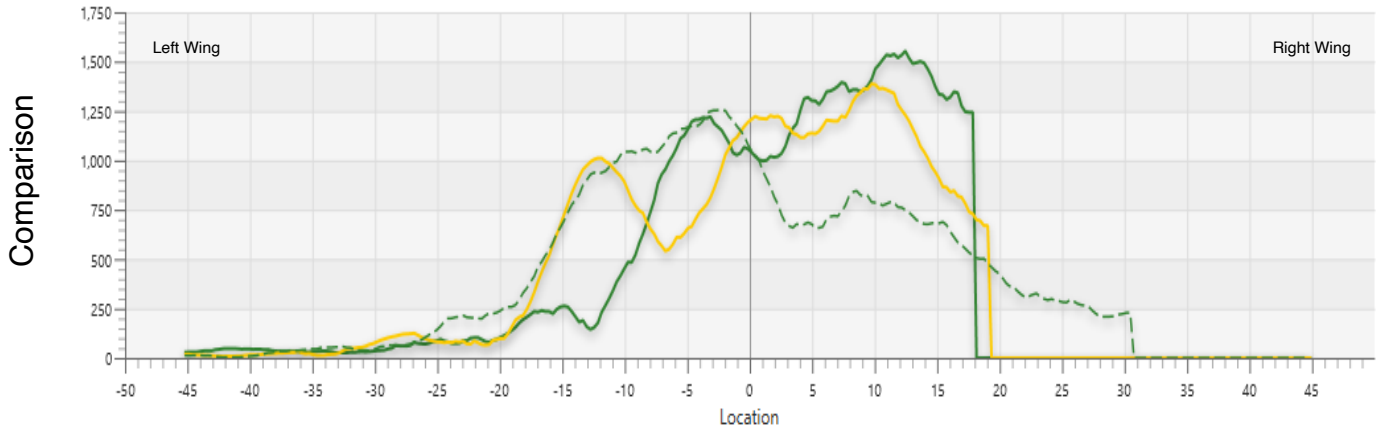
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N0001 - 8

Aircraft	Reg. #: N0001		Boom Pressure (PSI):		Series Data	Pass 1	Pass 2	Pass 3	Pass 4	Pass 5	Pass 6	Avg.	Droplet Data on Page 2
		Series #: 8	Make: DJI	Target Rate (GPA): 2		Target Swath (FT): 36	Airspeed (MPH): 38	-	43	40	-		
	Model: T100	% Boom Width: -	Standard (x2)	Orif. #: N/A, Def: N/A	Release Height (FT): 13	-	13	13	-	-	13.0		
	Boom Drop (IN): -	Winglets?: No			Wind Velocity (MPH): 7	-	12	9	-	-	9.3		
					Cross-Wind (MPH): -0.9	-	-2.1	-0.8	-	-	-1.3		
					Ambient Temp (F): -	-	-	-	-	-	54		
					Rel Humidity (%): -	-	-	-	-	-	49		

Notes: Droplet size: 150



Swath (FT)	CV (RT)	CV (BF)
27	30 %	20 %
28	29 %	19 %
29	22 %	15 %
30	14 %	15 %
31	14 %	14 %
32	13 %	11 %
33	13 %	11 %
34	14 %	12 %
35	16 %	14 %
36	18 %	16 %
37	21 %	19 %
38	23 %	22 %
39	26 %	25 %
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42	34 %	33 %
43	37 %	36 %
44	38 %	37 %
45	41 %	40 %

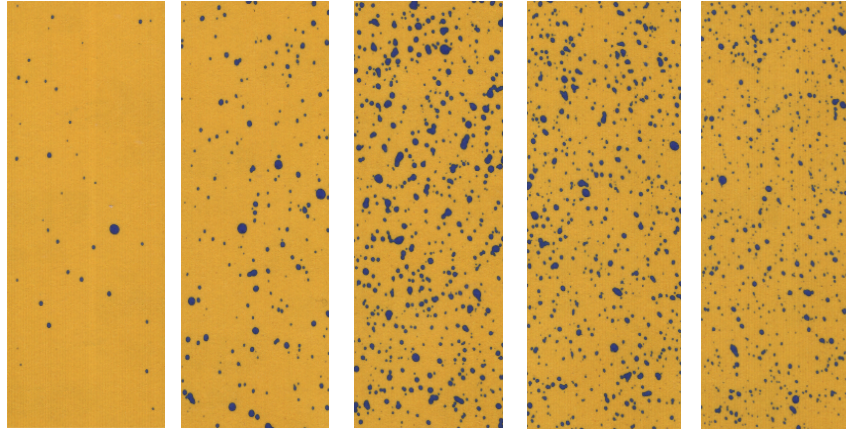
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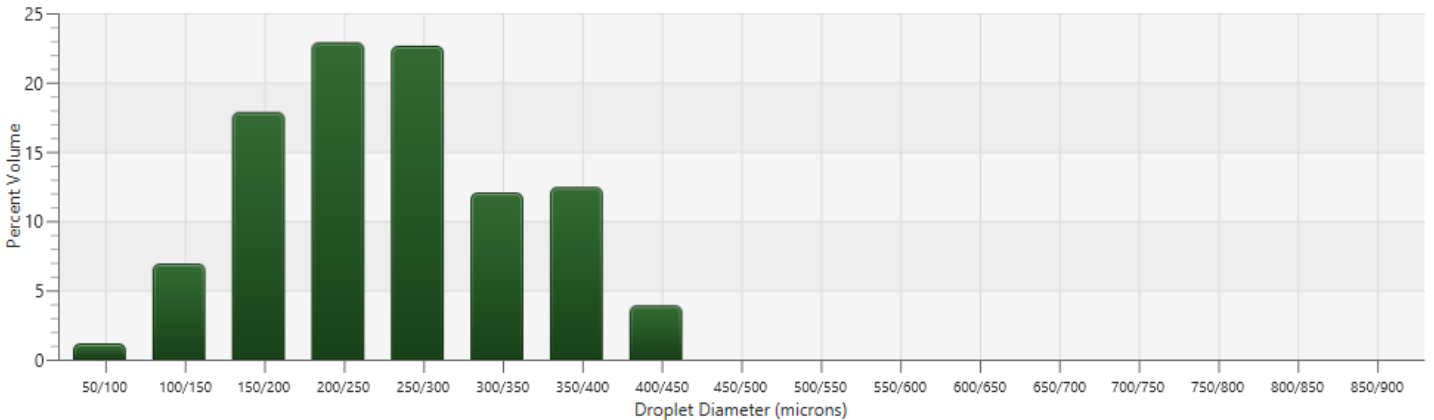
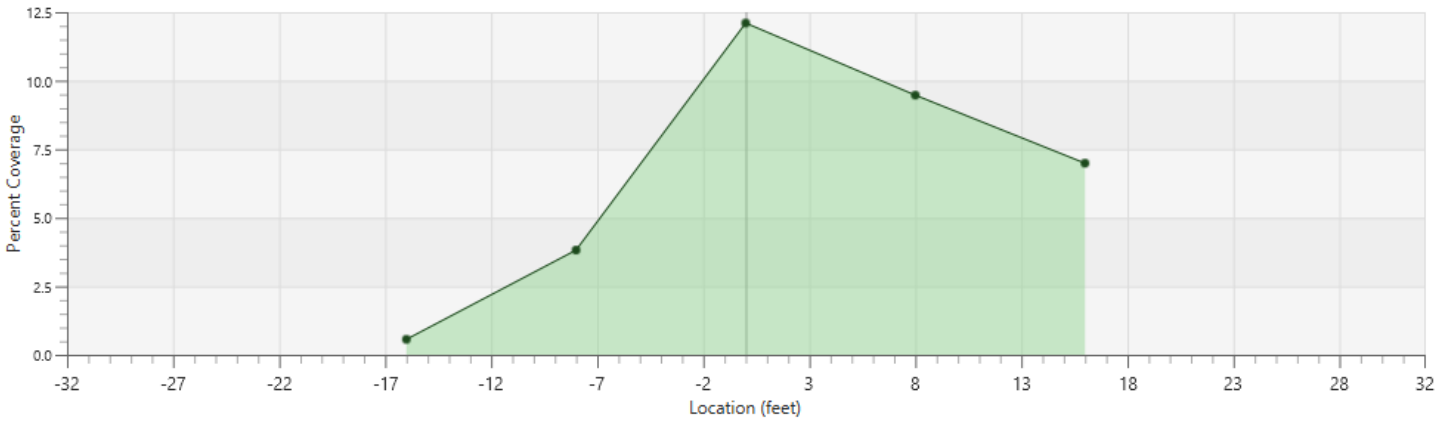
N0001 - 8

*See Page 1 - Pass 4 for weather data.
 **DD = DS / ((0.0000 x DS^2) + (0.0009 x DS) + 1.6333))

		DV0.1	VMD	DV0.9	Relative Span	Droplet Spectrum Category
	USDA Model Predicted	0 μm	0 μm	0 μm	Unknown	Very Fine
Composite Data	6.59% Coverage	156 μm	252 μm	371 μm	0.85	Medium



Location	VMD	DV01	DV09	COV	Drops/in ²
L-16	230	162	361	0.56%	30
L-8	269	168	393	3.82%	164
CENTER	274	171	372	12.10%	483
R-8	238	156	366	9.47%	505
R-16	221	139	331	6.99%	531



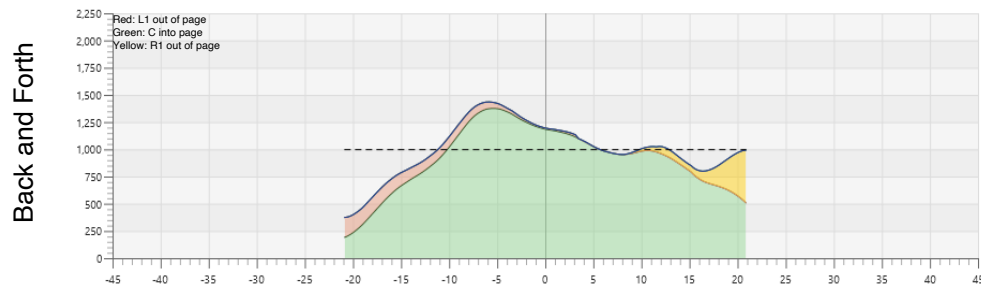
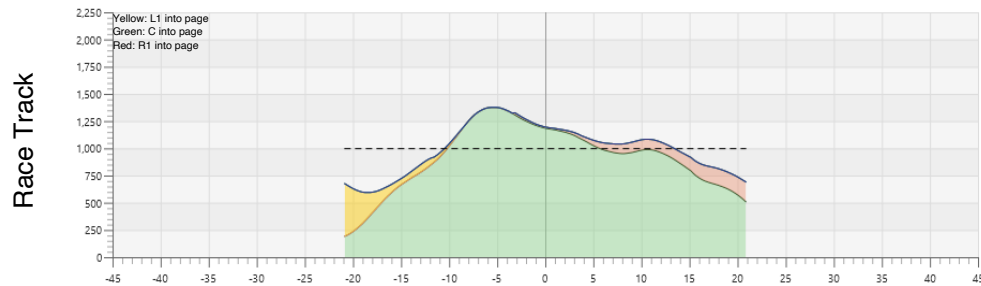
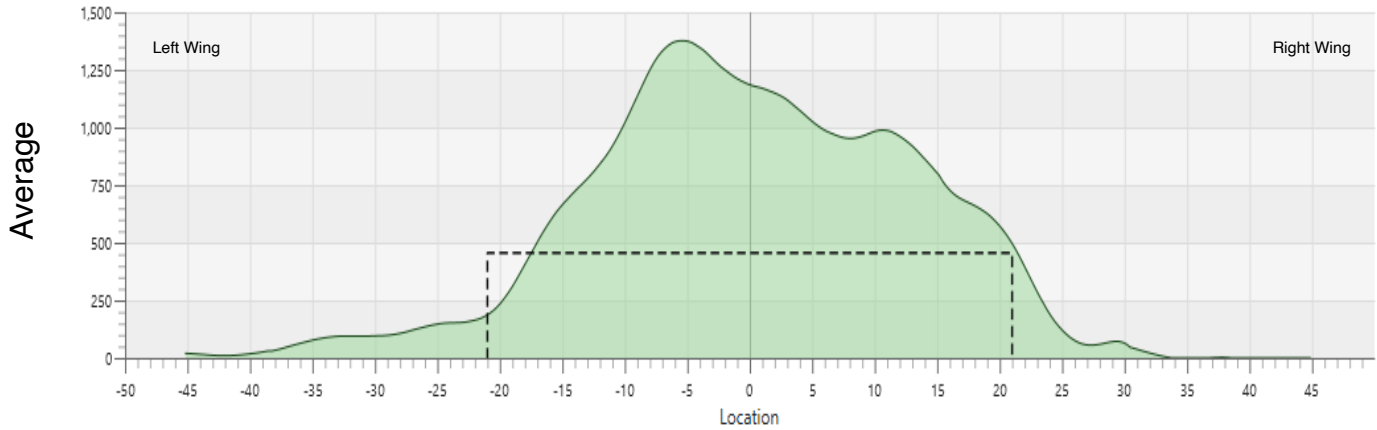
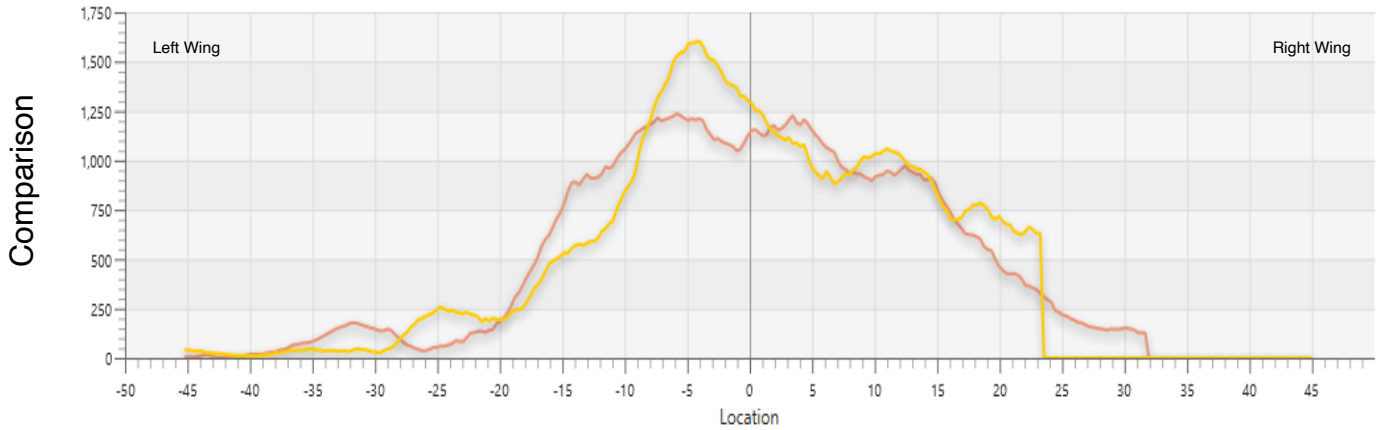
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N0001 - 9

Aircraft	Reg. #: N0001		Configuration	Boom Pressure (PSI):		Series Data	Pass 1	Pass 2	Pass 3	Pass 4	Pass 5	Pass 6	Avg.	Droplet Data on Page 2
	Series #: 9	Make: DJI		Model: T100	Target Rate (GPA): 2		Target Swath (FT): 42	Airspeed (MPH): -	55	53	-	-		
% Boom Width: -	Boom Drop (IN): -	Winglets?: No	Standard (x4)	Orif. #: N/A, Def: N/A	Release Height (FT): -	16.4	16.4	-	-	-	-	16.4		
					Wind Velocity (MPH): -	10	9	-	-	-	-	9.5		
					Cross-Wind (MPH): -	-1.6	-4.1	-	-	-	-	-2.8		
					Ambient Temp (F): -	-	-	-	-	-	-	54		
					Rel Humidity (%): -	-	-	-	-	-	-	49		

Notes: Droplet size: 400



Swath (FT)	CV (RT)	CV (BF)
33	9 %	13 %
34	9 %	14 %
35	10 %	14 %
36	11 %	16 %
37	12 %	17 %
38	14 %	19 %
39	16 %	20 %
40	18 %	22 %
41	20 %	24 %
42	23 %	25 %
43	25 %	27 %
44	28 %	29 %
45	30 %	30 %
46	33 %	32 %
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48	37 %	36 %
49	39 %	39 %
50	41 %	40 %
51	43 %	42 %

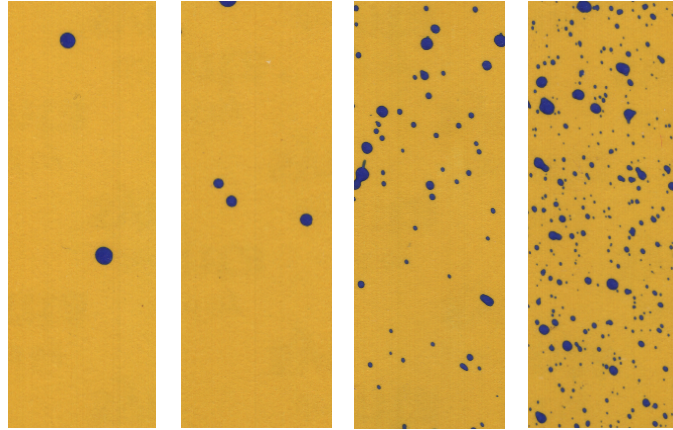
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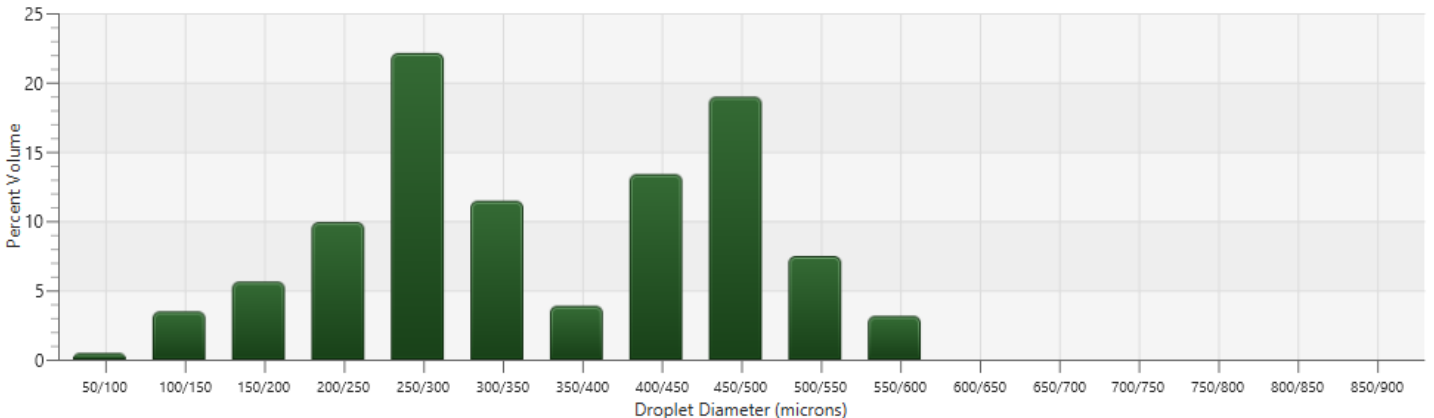
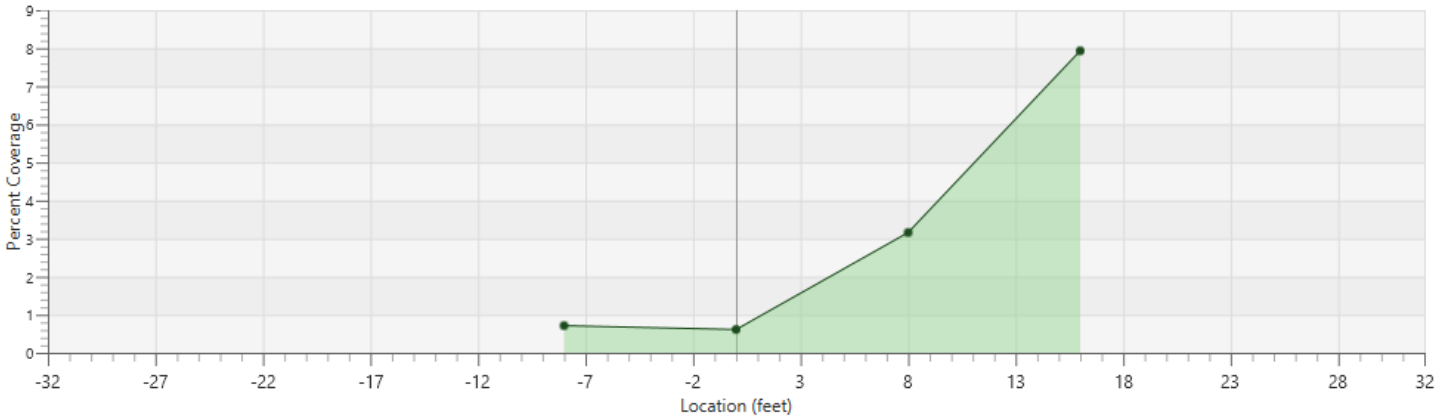
N0001 - 9

*See Page 1 - Pass 3 for weather data.
 **DD = DS / ((0.0000 x DS^2) + (0.0009 x DS) + 1.6333))

		DV0.1	VMD	DV0.9	Relative Span	Droplet Spectrum Category
	USDA Model Predicted	0 μm	0 μm	0 μm	Unknown	Very Fine
Composite Data	3.10% Coverage	202 μm	338 μm	495 μm	0.86	Medium



L-8 VMD: 539 DV01: 166 DV09: 565 COV: 0.71% 2 drops/in ²	CENTER VMD: 437 DV01: 194 DV09: 467 COV: 0.61% 3 drops/in ²	R-8 VMD: 351 DV01: 238 DV09: 476 COV: 3.16% 46 drops/in ²	R-16 VMD: 299 DV01: 172 DV09: 465 COV: 7.93% 283 drops/in ²
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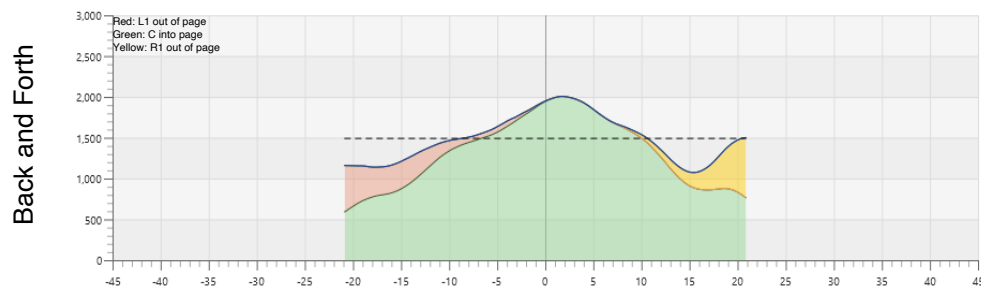
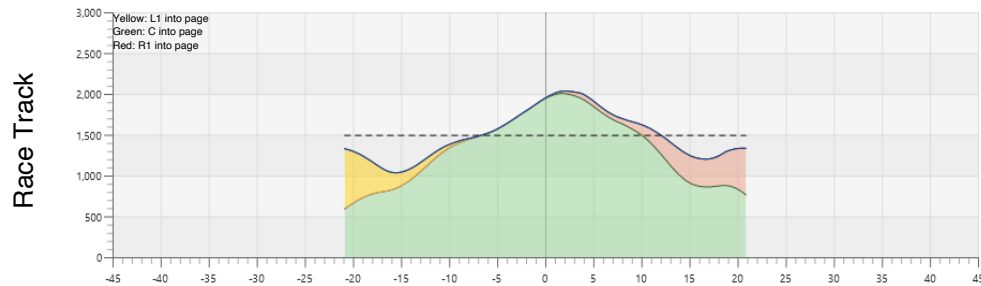
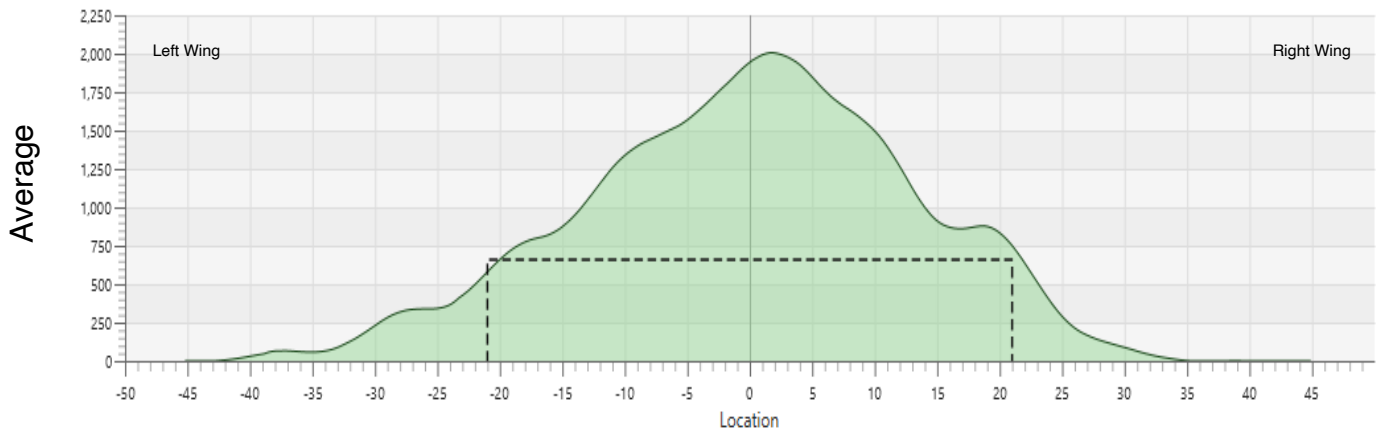
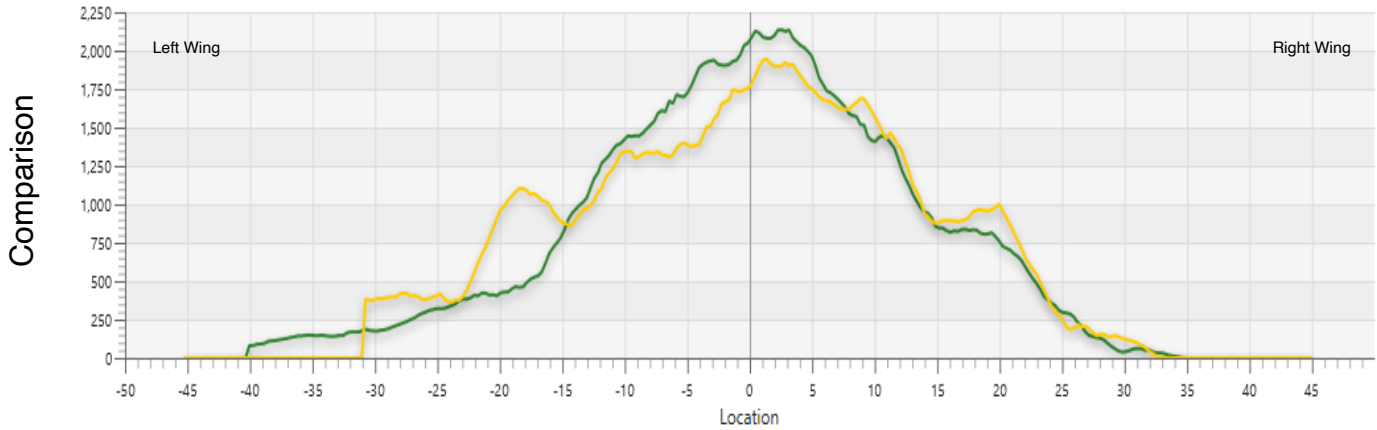
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N0001 - 10

Aircraft	Configuration		Series Data	Passes						Avg.	Droplet Data on Page 2
	Reg. #:	Boom Pressure (PSI):		Pass 1	Pass 2	Pass 3	Pass 4	Pass 5	Pass 6		
Series #:	N0001	Target Rate (GPA): 2	Airspeed (MPH): 53	-	54	-	-	-	-	53	
Make:	DJI	Target Swath (FT): 42	Release Height (FT): 16.4	-	16.4	-	-	-	-	16.4	
Model:	T100	Standard (x4)	Wind Velocity (MPH): 8	-	10	-	-	-	-	9.0	
% Boom Width:	-	Orif. #: N/A, Def: N/A	Cross-Wind (MPH): 1.4	-	4.4	-	-	-	-	2.9	
Boom Drop (IN):	-		Ambient Temp (F): -	-	-	-	-	-	-	54	
Winglets?: No			Rel Humidity (%): -	-	-	-	-	-	-	49	

Notes: Droplet size: 280



Swath (FT)	CV (RT)	CV (BF)
33	8 %	8 %
34	9 %	8 %
35	10 %	8 %
36	11 %	10 %
37	12 %	11 %
38	14 %	13 %
39	15 %	14 %
40	17 %	16 %
41	18 %	18 %
42	20 %	19 %
43	21 %	20 %
44	23 %	23 %
45	25 %	24 %
46	27 %	26 %
47	29 %	28 %
48	31 %	30 %
49	33 %	32 %
50	35 %	34 %
51	36 %	36 %

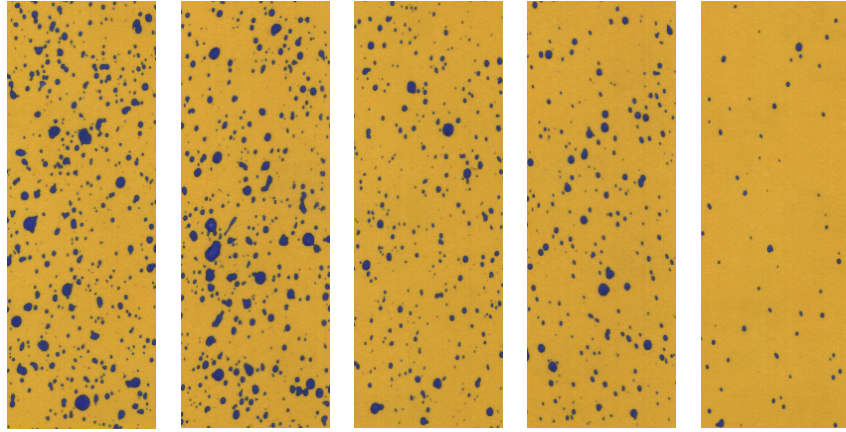
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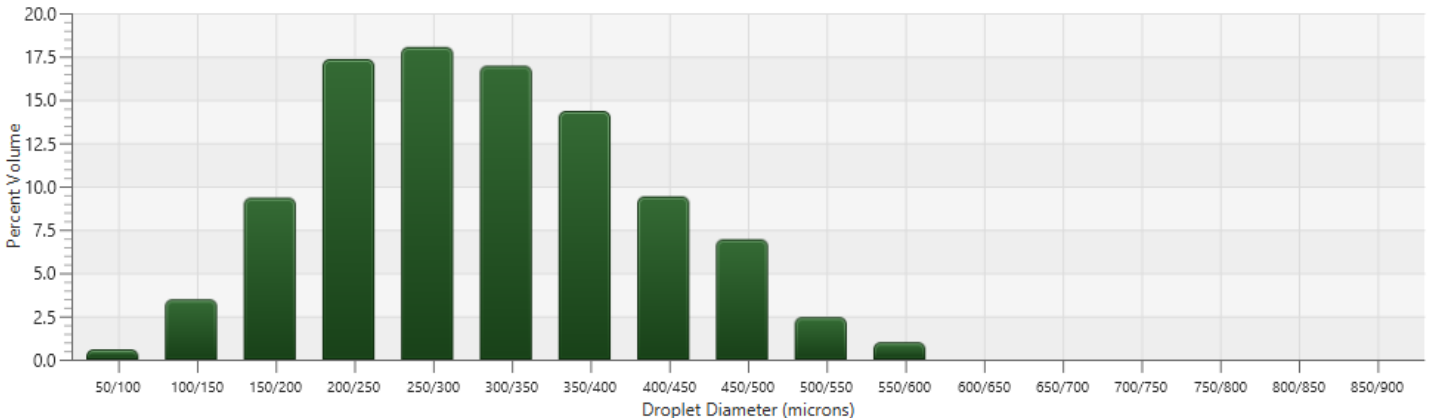
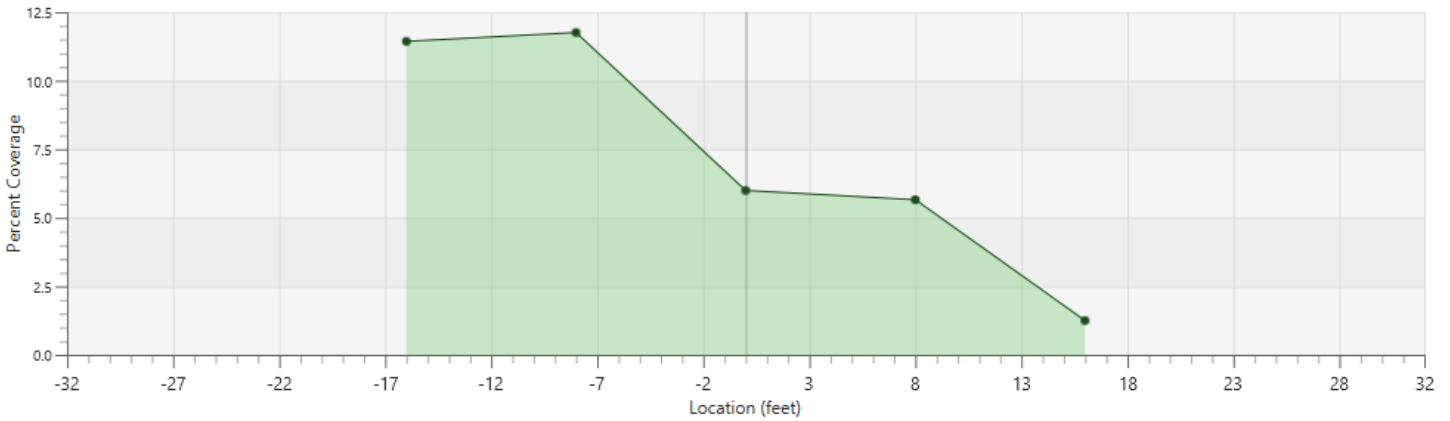
N0001 - 10

*See Page 1 - Pass 3 for weather data.
 **DD = DS / ((0.0000 x DS^2) + (0.0009 x DS) + 1.6333))

		DV0.1	VMD	DV0.9	Relative Span	Droplet Spectrum Category
	USDA Model Predicted	0 μm	0 μm	0 μm	Unknown	Very Fine
Composite Data	7.22% Coverage	186 μm	303 μm	452 μm	0.87	Medium



Location	VMD	DV01	DV09	COV	Drops/in ²
L-16	305	186	469	11.43%	378
L-8	330	196	458	11.76%	348
CENTER	266	165	421	6.00%	267
R-8	287	181	402	5.66%	207
R-16	240	179	347	1.25%	54



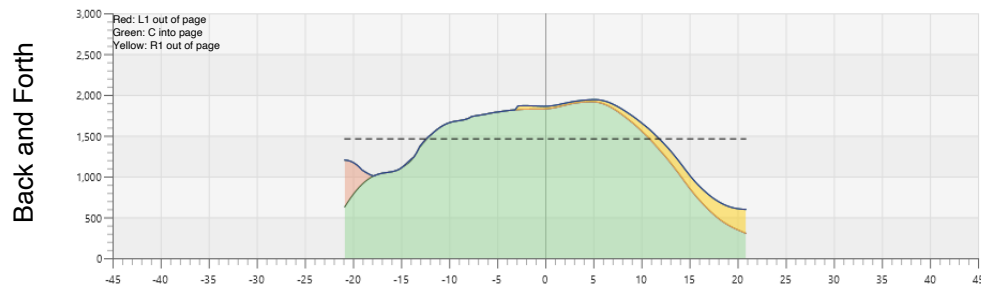
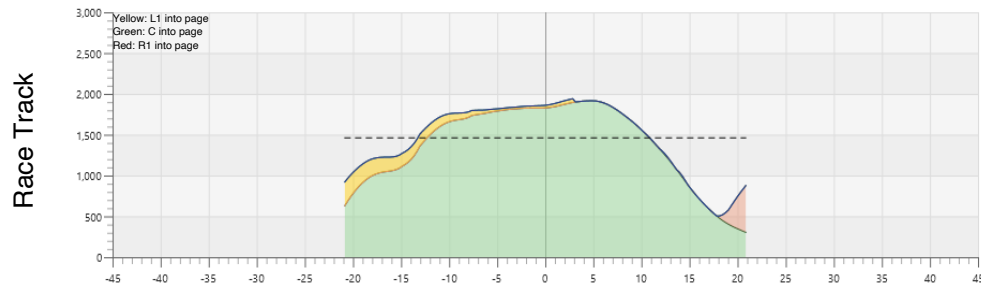
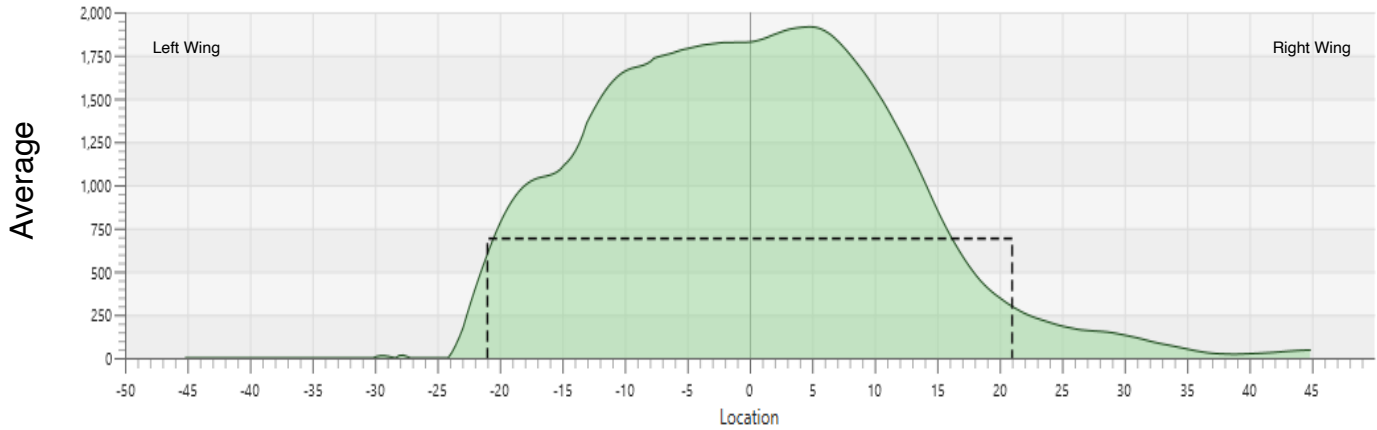
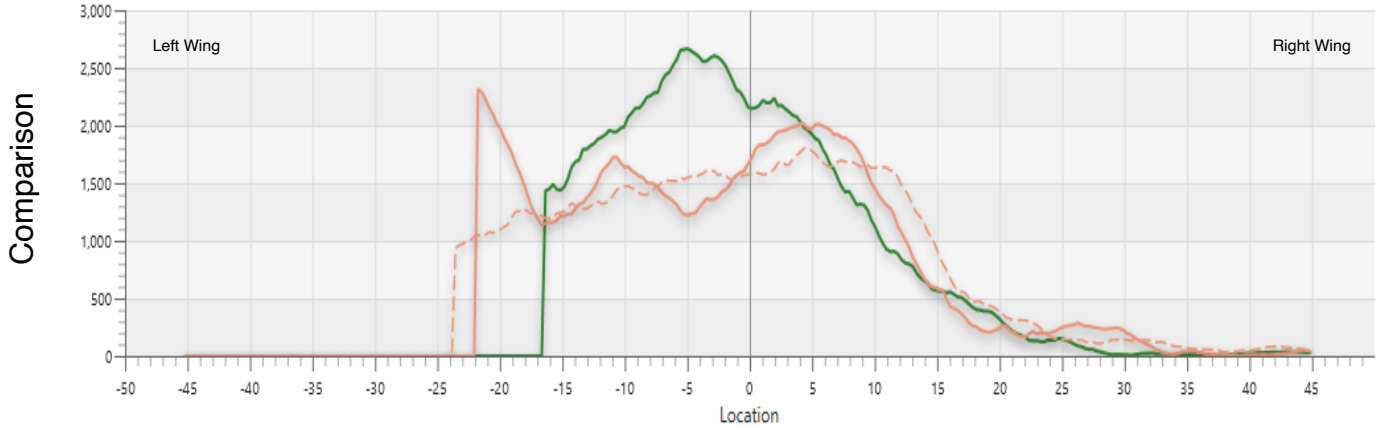
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N0001 - 11

Aircraft	Reg. #: N0001		Configuration	Boom Pressure (PSI):		Series Data	Pass 1	Pass 2	Pass 3	Pass 4	Pass 5	Pass 6	Avg.	Droplet Data on Page 2
	Series #: 11	Make: DJI		Model: T100	Target Rate (GPA): 2		Target Swath (FT): 42	Airspeed (MPH): 51	55	-	-	51		
% Boom Width: -	Boom Drop (IN): -	Winglets?: No	Standard (x4)	Orif. #: N/A, Def: N/A	Release Height (FT): 16.4	16.4	-	-	16.4	-	16.4			
					Wind Velocity (MPH): 8	11	-	-	6	-	8.3			
					Cross-Wind (MPH): 4.9	5.0	-	-	1.0	-	3.6			
					Ambient Temp (F): -	-	-	-	-	-	58			
					Rel Humidity (%): -	-	-	-	-	-	49			

Notes: Droplet size: 150



Swath (FT)	CV (RT)	CV (BF)
33	6 %	12 %
34	7 %	13 %
35	10 %	15 %
36	13 %	16 %
37	15 %	18 %
38	19 %	20 %
39	21 %	23 %
40	24 %	25 %
41	27 %	26 %
42	30 %	29 %
43	32 %	31 %
44	35 %	33 %
45	37 %	36 %
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47	42 %	41 %
48	44 %	43 %
49	47 %	46 %
50	48 %	48 %
51	51 %	50 %

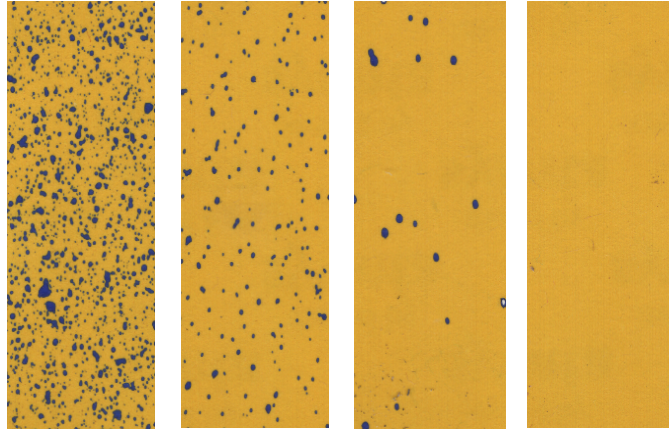
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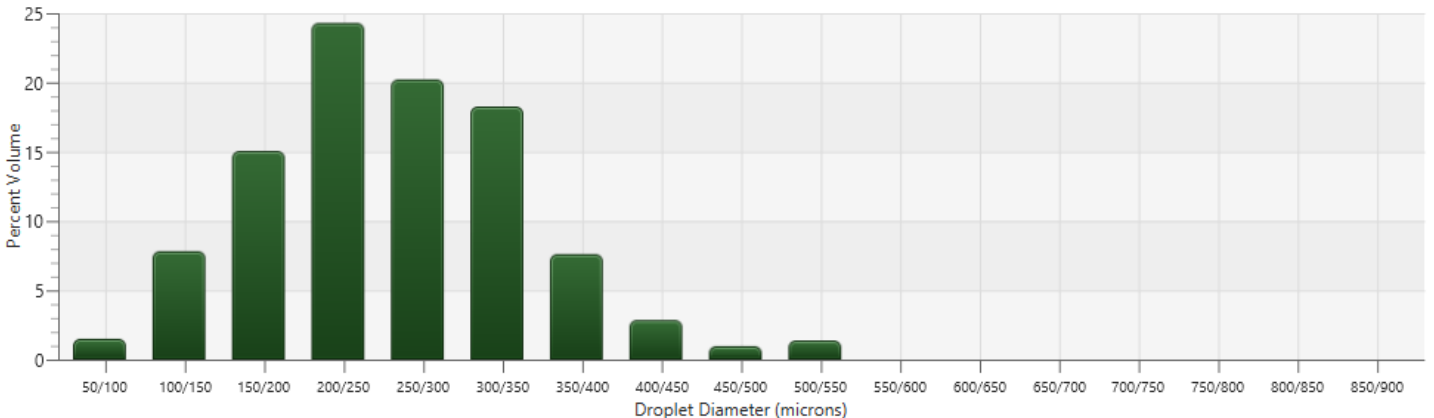
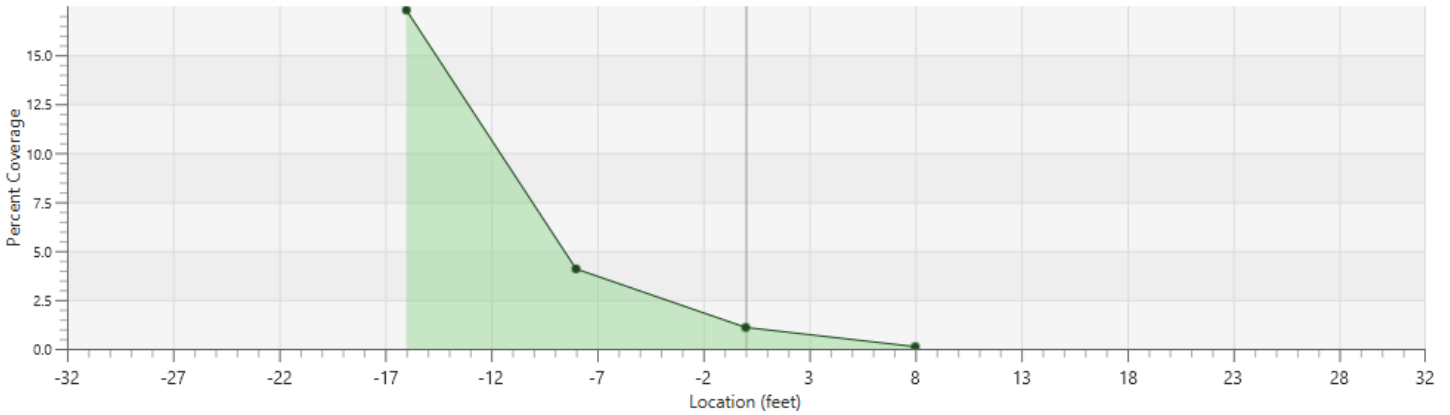
N0001 - 11

*See Page 1 - Pass 3 for weather data.
 **DD = DS / ((0.0000 x DS^2) + (0.0009 x DS) + 1.6333))

		DV0.1	VMD	DV0.9	Relative Span	Droplet Spectrum Category
	USDA Model Predicted	0 μm	0 μm	0 μm	Unknown	Very Fine
Composite Data	5.65% Coverage	153 μm	254 μm	361 μm	0.82	Medium



L-16 VMD: 255 DV01: 145 DV09: 367 COV: 17.30% 1033 drops/in ²	L-8 VMD: 227 DV01: 182 DV09: 337 COV: 4.08% 168 drops/in ²	CENTER VMD: 345 DV01: 273 DV09: 394 COV: 1.09% 23 drops/in ²	R-8 VMD: 146 DV01: 67 DV09: 204 COV: 0.11% 20 drops/in ²
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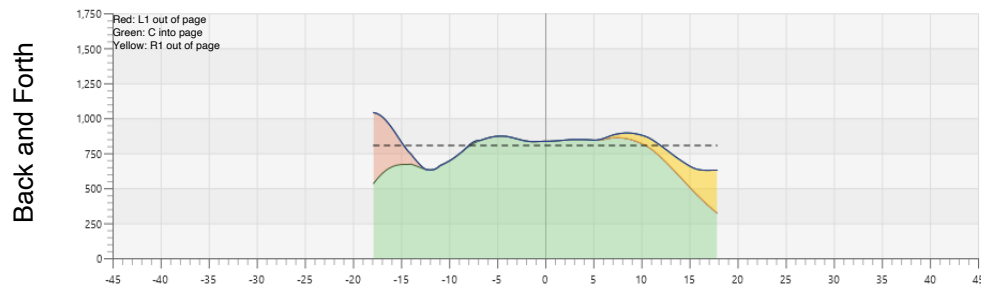
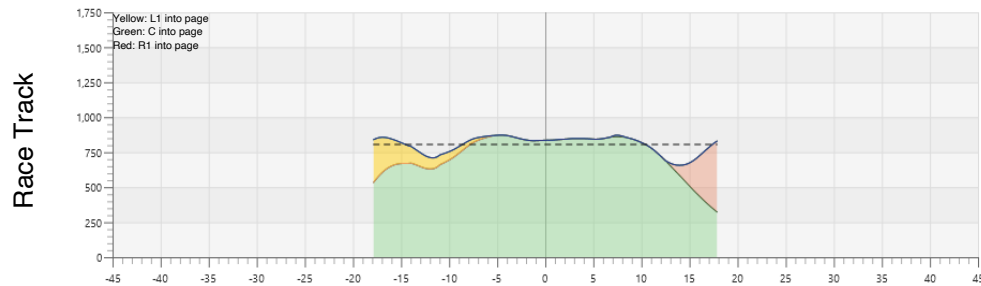
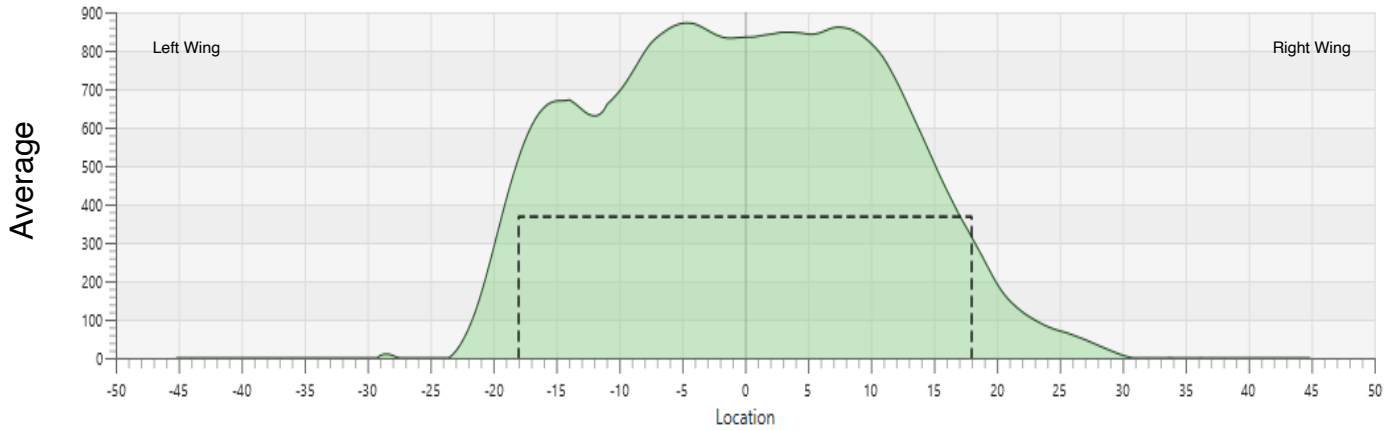
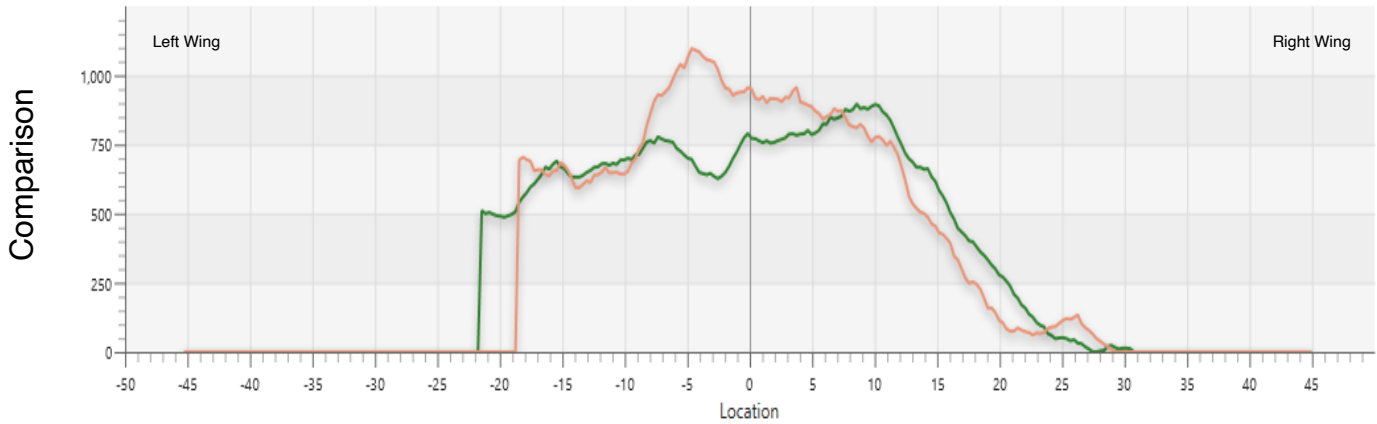
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N0001 - 12

Aircraft	Reg. #: N0001		Configuration	Boom Pressure (PSI):		Series Data	Pass 1	Pass 2	Pass 3	Pass 4	Pass 5	Pass 6	Avg.	Droplet Data on Page 2
	Series #: 12	Make: DJI		Model: T100	Target Rate (GPA): 2		Target Swath (FT): 36	Airspeed (MPH): 39	40	-	-	-		
% Boom Width: -	Boom Drop (IN): -	Winglets?: No	Standard (x4)	Orif. #: N/A, Def: N/A	Release Height (FT): 13	13	-	-	-	-	-	13.0		
					Wind Velocity (MPH): 10	12	-	-	-	-	-	11.0		
					Cross-Wind (MPH): 5.7	7.7	-	-	-	-	-	6.7		
					Ambient Temp (F): -	-	-	-	-	-	-	58		
					Rel Humidity (%): -	-	-	-	-	-	-	49		

Notes: Droplet size: 400



Swath (FT)	CV (RT)	CV (BF)
27	24 %	15 %
28	23 %	15 %
29	19 %	14 %
30	14 %	13 %
31	12 %	13 %
32	9 %	13 %
33	8 %	12 %
34	6 %	13 %
35	6 %	13 %
36	8 %	12 %
37	10 %	13 %
38	14 %	15 %
39	17 %	16 %
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41	24 %	22 %
42	27 %	25 %
43	30 %	29 %
44	33 %	32 %
45	36 %	35 %

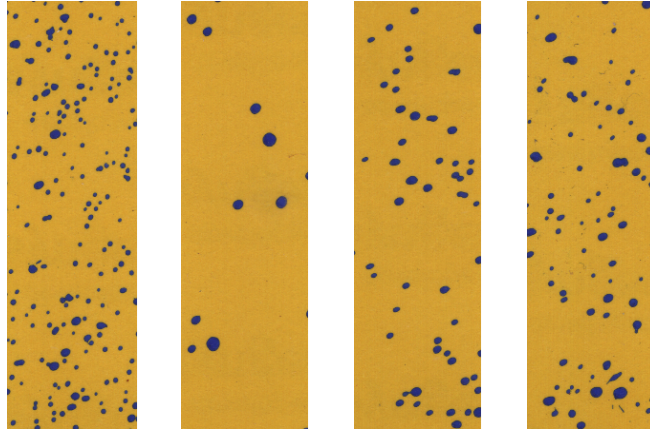
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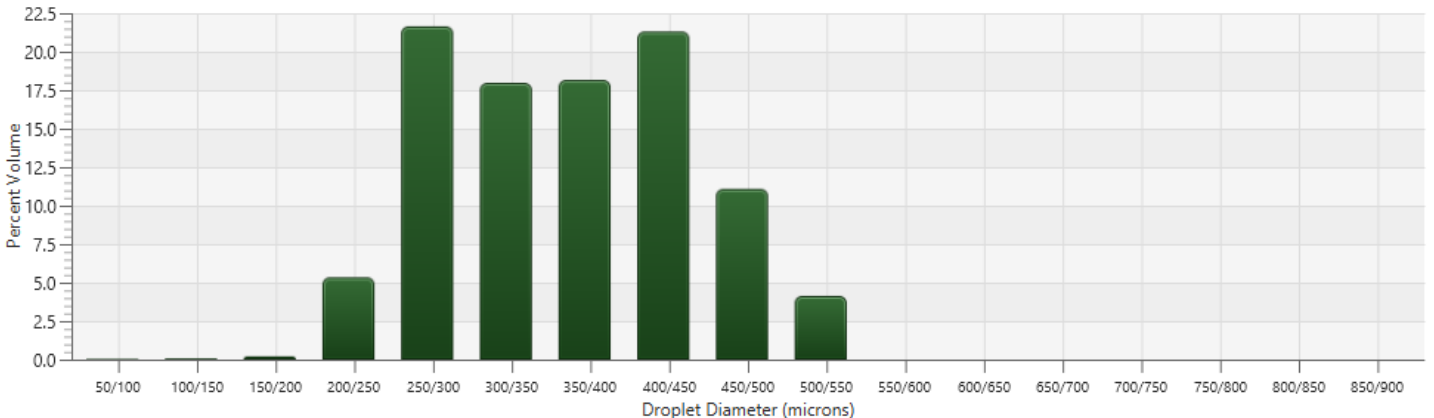
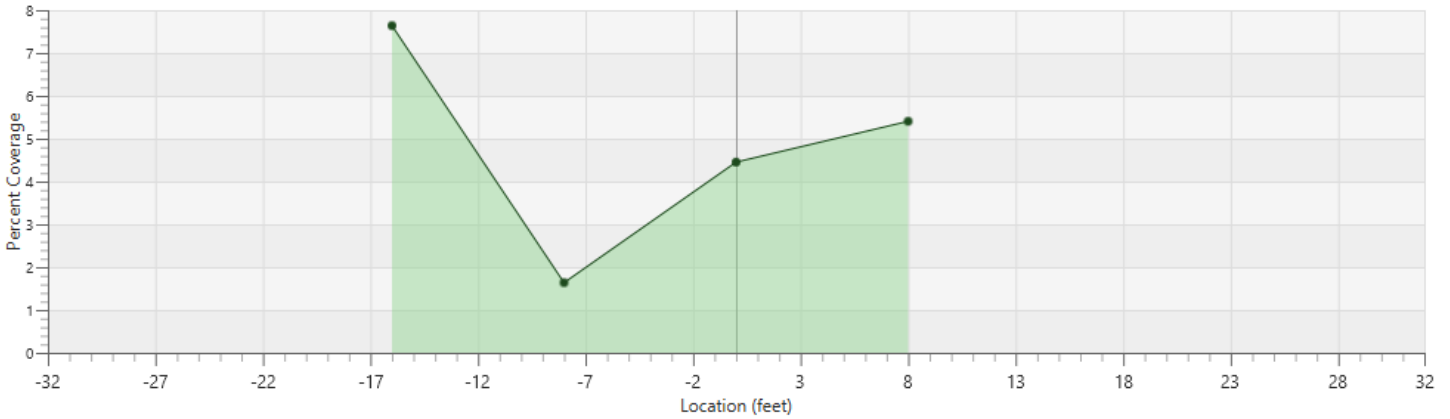
N0001 - 12

*See Page 1 - Pass 3 for weather data.
 **DD = DS / ((0.0000 x DS^2) + (0.0009 x DS) + 1.6333))

		DV0.1	VMD	DV0.9	Relative Span	Droplet Spectrum Category
	USDA Model Predicted	0 μm	0 μm	0 μm	Unknown	Very Fine
Composite Data	4.78% Coverage	262 μm	364 μm	456 μm	0.53	Course



Location	VMD	DV01	DV09	COV	Drops/in^2
L-16	297	247	421	7.64%	145
L-8	460	404	533	1.64%	7
CENTER	377	327	428	4.45%	40
R-8	382	262	470	5.40%	65



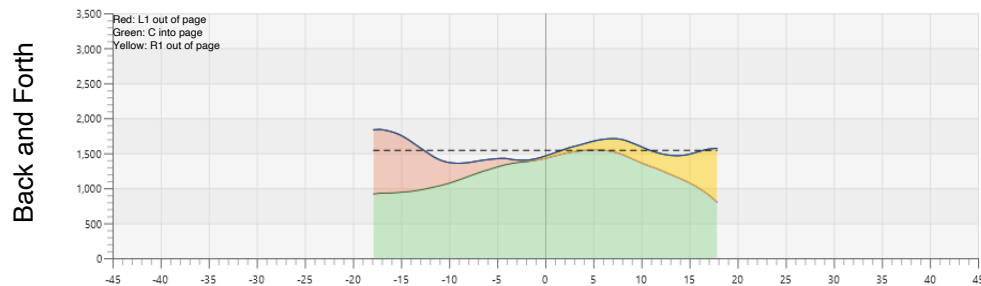
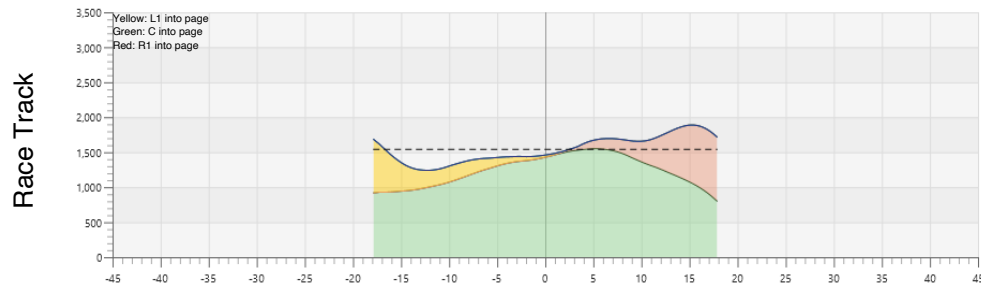
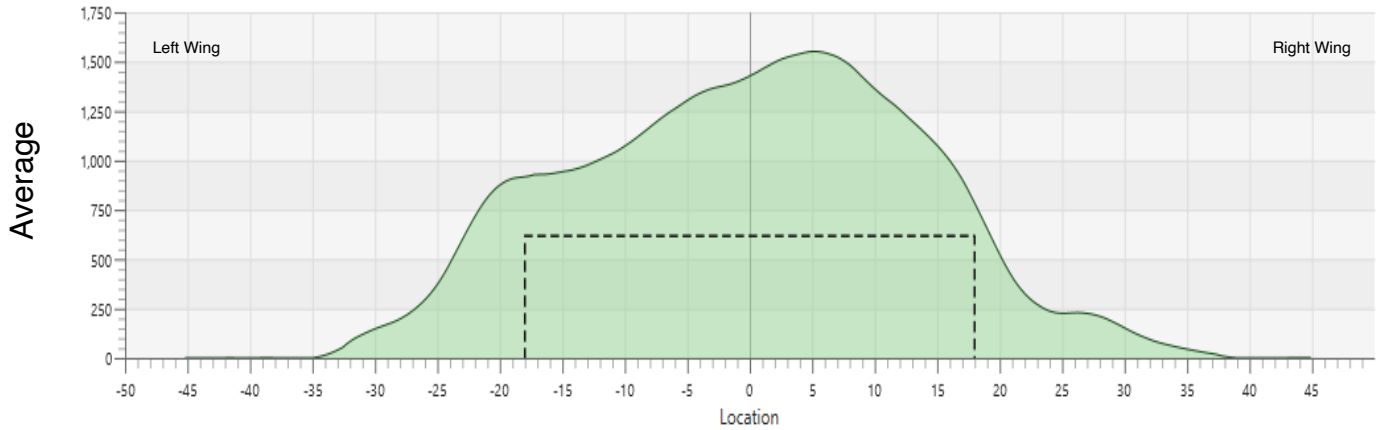
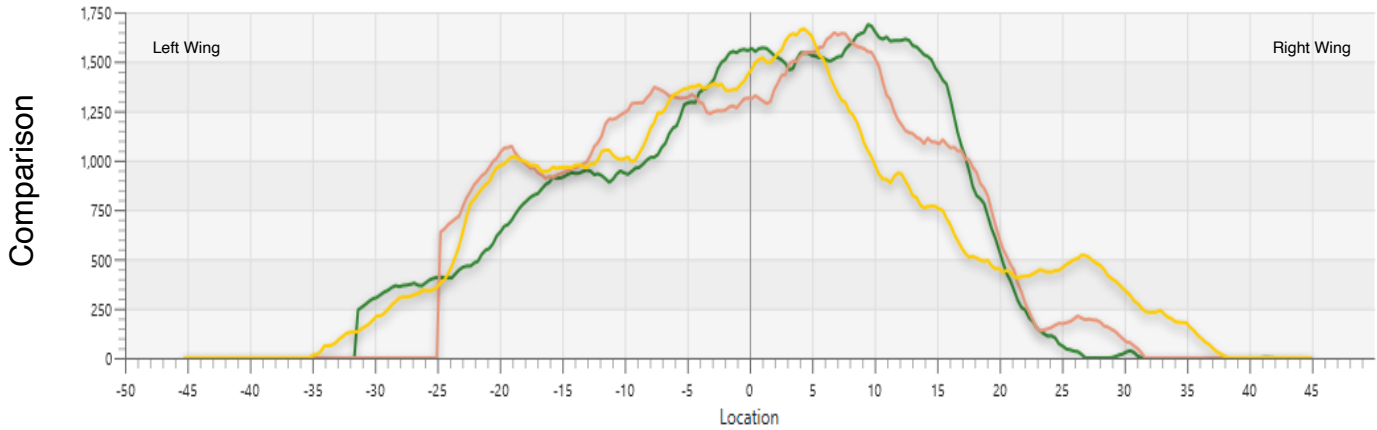
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N0001 - 13

Aircraft	Configuration		Series Data	Pass 1	Pass 2	Pass 3	Pass 4	Pass 5	Pass 6	Avg.	Droplet Data on Page 2
	Reg. #: N0001 Series #: 13 Make: DJI Model: T100	Boom Pressure (PSI): Target Rate (GPA): 2 Target Swath (FT): 36 Standard (x4) Orif. #: N/A, Def: N/A			Airspeed (MPH): 39	Airspeed (MPH): 39	Airspeed (MPH): 37	-	-	-	
% Boom Width: - Boom Drop (IN): - Winglets?: No			Release Height (FT): 13	Release Height (FT): 13	Release Height (FT): 13	-	-	-	-	13.0	
			Wind Velocity (MPH): 8	Wind Velocity (MPH): 8	Wind Velocity (MPH): 6	-	-	-	-	7.3	
			Cross-Wind (MPH): 1.4	Cross-Wind (MPH): 1.0	Cross-Wind (MPH): 0.6	-	-	-	-	1.0	
			Ambient Temp (F): -	Ambient Temp (F): -	Ambient Temp (F): -	-	-	-	-	56	
			Rel Humidity (%): -	Rel Humidity (%): -	Rel Humidity (%): -	-	-	-	-	47	

Notes: Droplet size: 280



Swath (FT)	CV (RT)	CV (BF)
27	20 %	7 %
28	20 %	7 %
29	18 %	6 %
30	13 %	7 %
31	14 %	7 %
32	14 %	7 %
33	14 %	7 %
34	13 %	8 %
35	13 %	8 %
36	12 %	9 %
37	11 %	9 %
38	10 %	10 %
39	10 %	11 %
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42	10 %	14 %
43	11 %	16 %
44	13 %	17 %
45	15 %	18 %

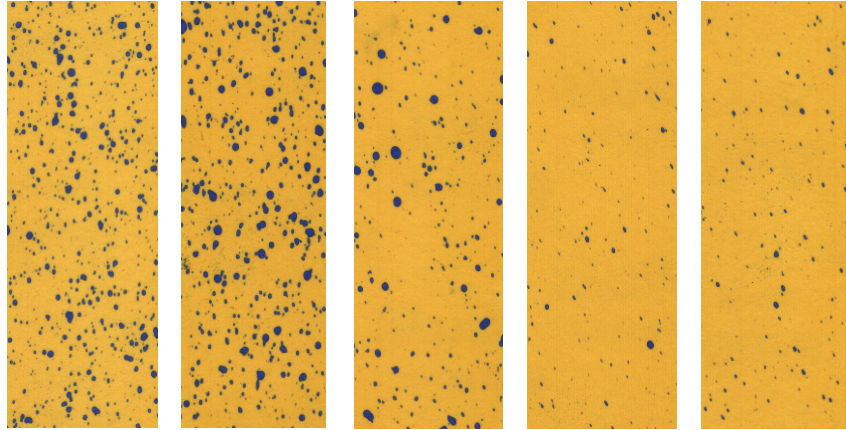
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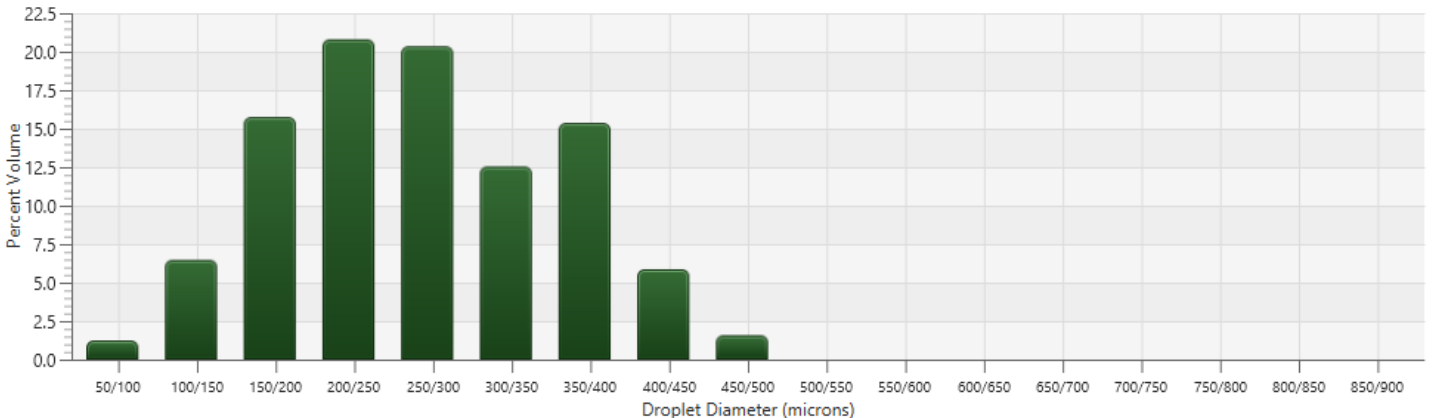
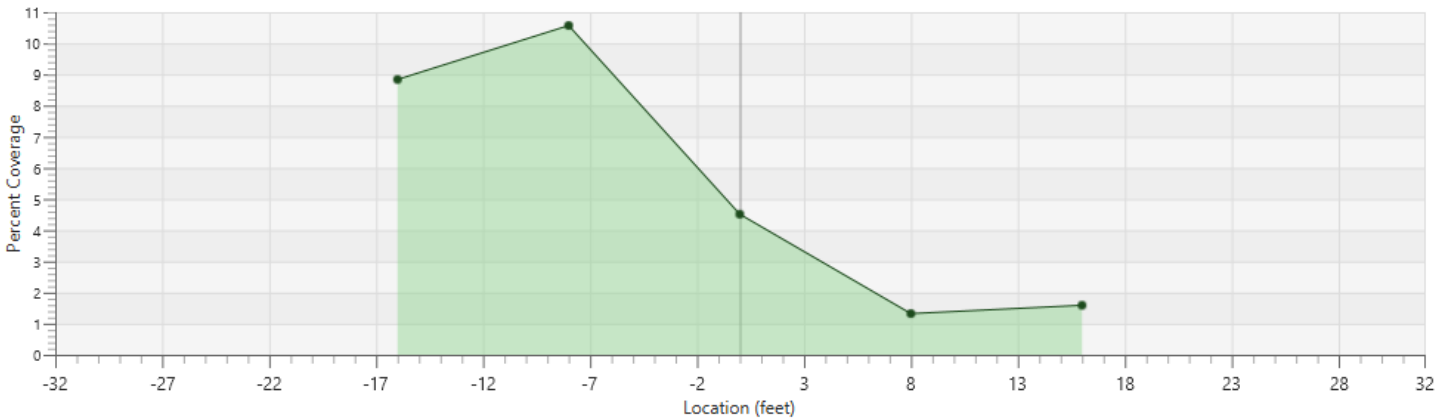
N0001 - 13

*See Page 1 - Pass 3 for weather data.
 **DD = DS / ((0.0000 x DS^2) + (0.0009 x DS) + 1.6333))

		DV0.1	VMD	DV0.9	Relative Span	Droplet Spectrum Category
	USDA Model Predicted	0 μm	0 μm	0 μm	Unknown	Very Fine
Composite Data	5.37% Coverage	160 μm	263 μm	390 μm	0.88	Medium



L-16 VMD: 259 DV01: 156 DV09: 358 COV: 8.84% 471 drops/in ²	L-8 VMD: 279 DV01: 181 DV09: 396 COV: 10.57% 400 drops/in ²	CENTER VMD: 312 DV01: 161 DV09: 438 COV: 4.51% 198 drops/in ²	R-8 VMD: 201 DV01: 124 DV09: 271 COV: 1.32% 118 drops/in ²	R-16 VMD: 192 DV01: 129 DV09: 274 COV: 1.59% 135 drops/in ²
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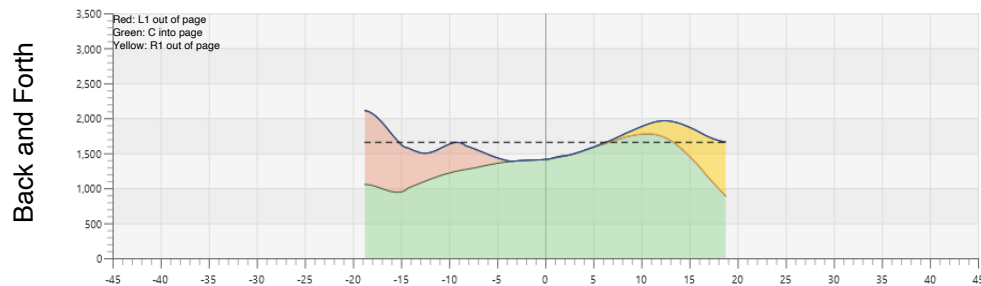
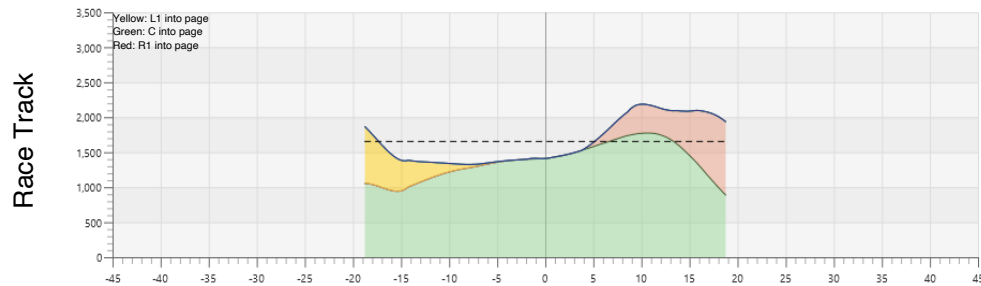
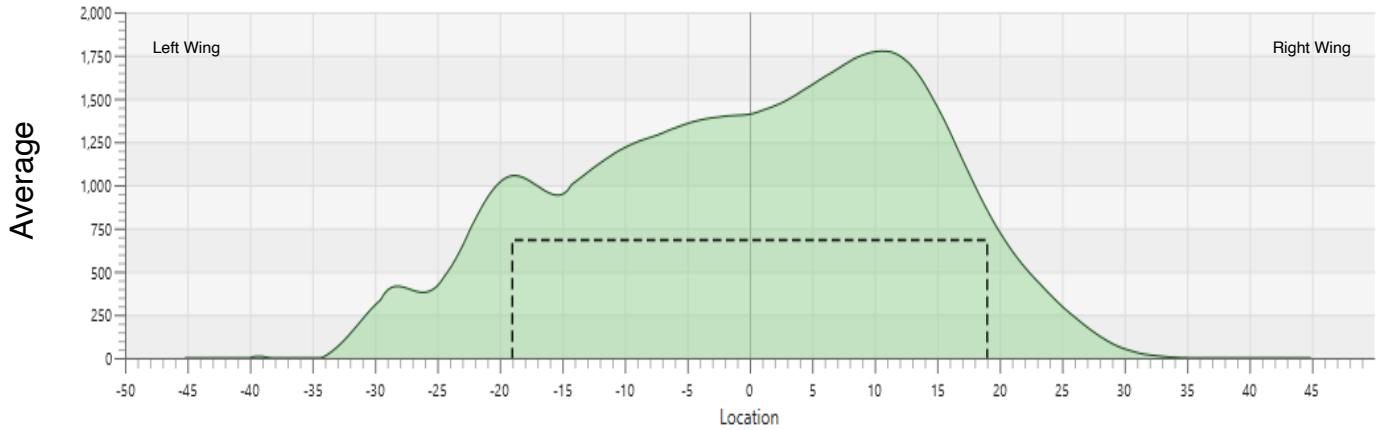
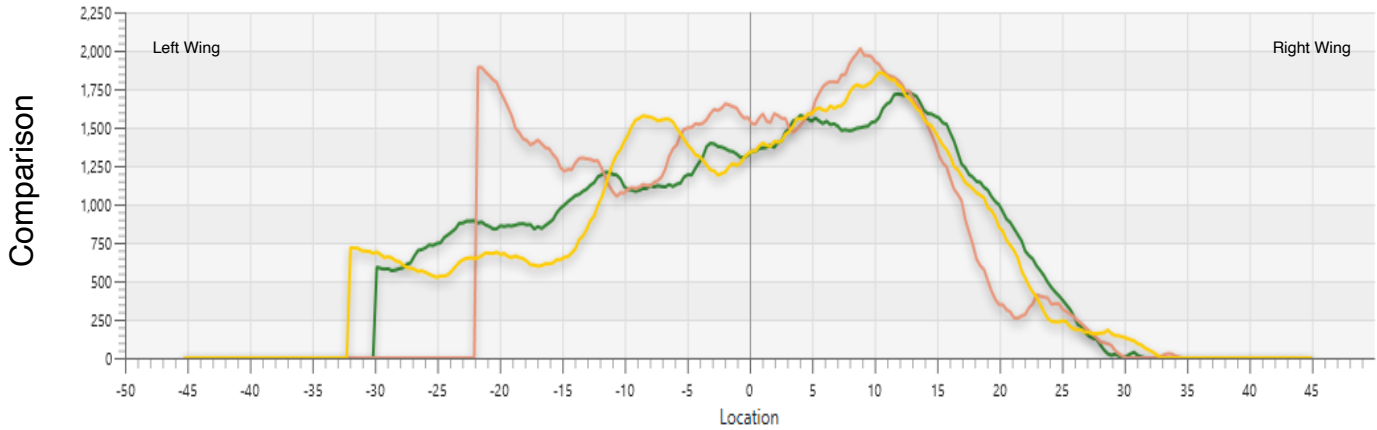
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N0001 - 15

Aircraft	Reg. #: N0001	Configuration	Boom Pressure (PSI):	Series Data	Pass 1	Pass 2	Pass 3	Avg	USDA Model	Est. GPA:
	Series #: 15		Target Rate (GPA): 3		52	51	55	52		
	Make: DJI		Target Swath (FT): 29		16.6	16.6	16.6	16.6		
	Model: T100		Standard (x2)		7	7	10	8.0		
	% Boom Width: -		Orif. #: N/A, Def: N/A		0.4	2.7	-0.2	1.0		
	Boom Drop (IN): -				-	-	-	47		
Winglets?: No		-	-	-	59					

Notes: Droplet size: 280



Swath (FT)	CV (RT)	CV (BF)
29	22 %	16 %
30	18 %	17 %
31	19 %	17 %
32	21 %	16 %
33	21 %	16 %
34	21 %	15 %
35	21 %	14 %
36	20 %	14 %
37	20 %	13 %
38	19 %	12 %
39	19 %	12 %
40	18 %	12 %
41	17 %	11 %
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44	17 %	13 %
45	17 %	15 %
46	18 %	16 %
47	19 %	19 %

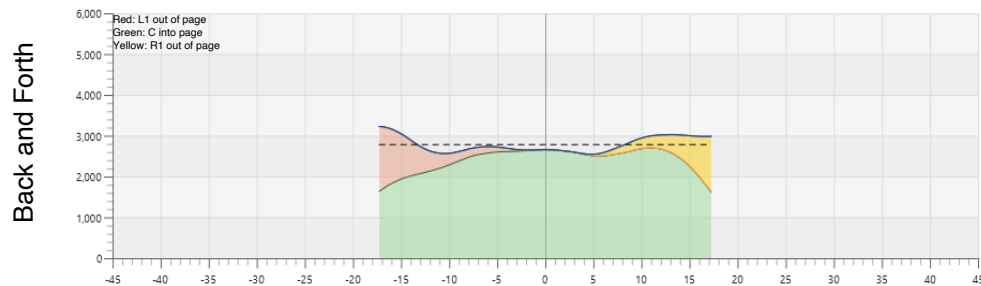
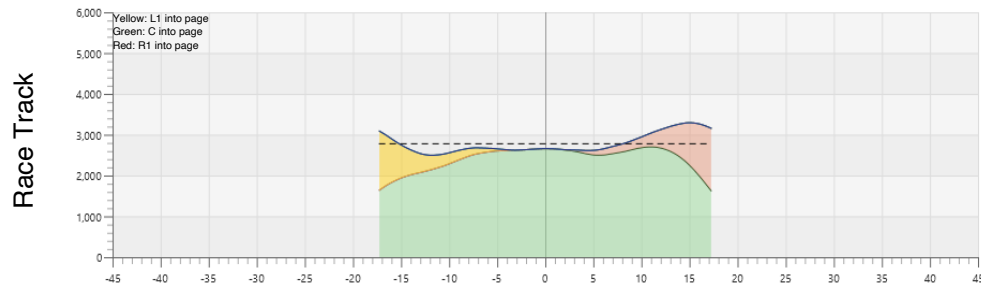
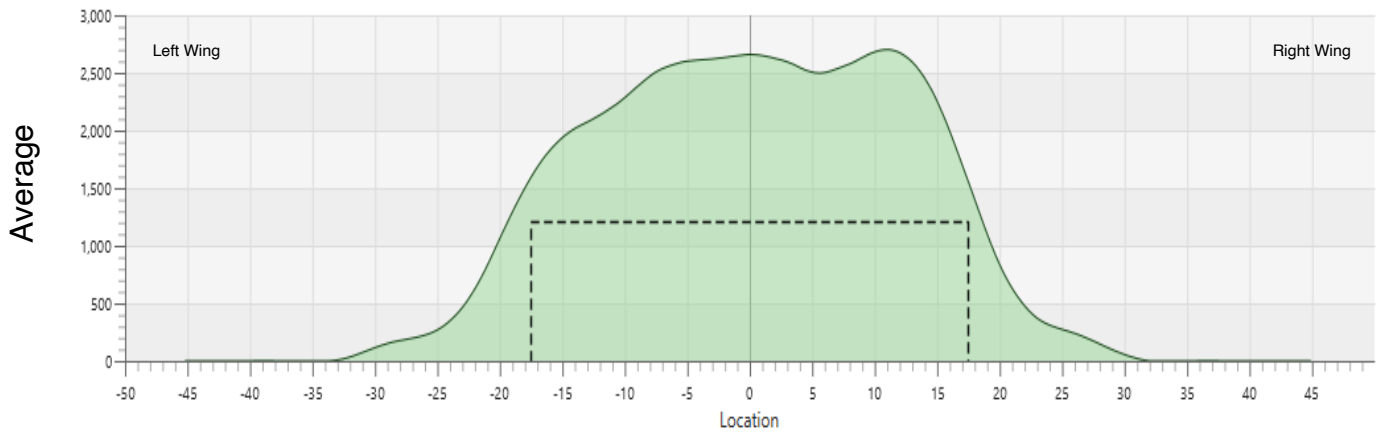
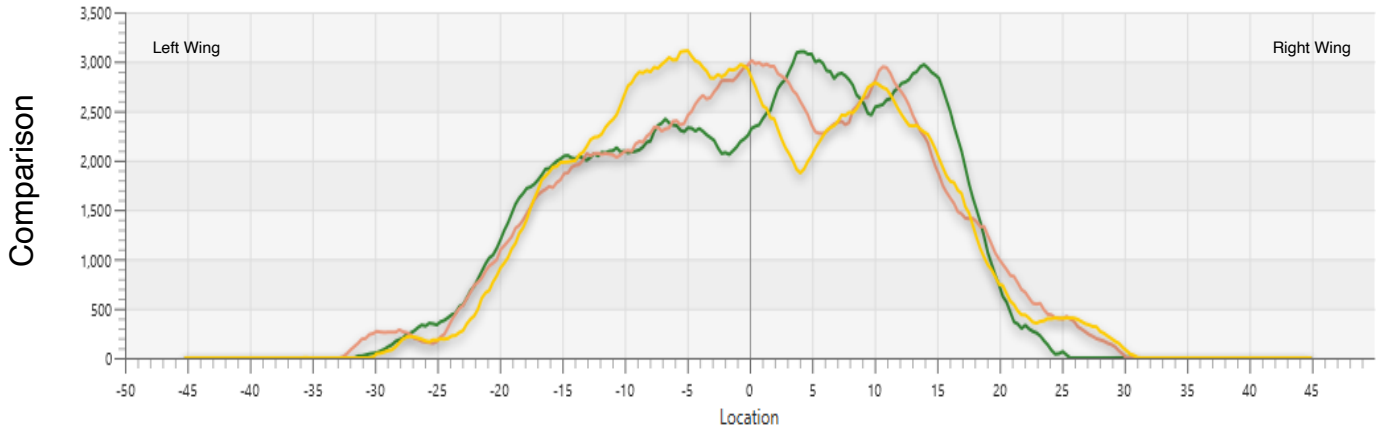
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N0001 - 16

Aircraft	Reg. #: N0001		Configuration		Series Data	Pass 1	Pass 2	Pass 3	Avg	USDA Model	Est. GPA:
	Series #: 16		Boom Pressure (PSI):			Airspeed (MPH):	41	40	41		
Make: DJI		Target Rate (GPA): 3		Release Height (FT):	13	13	13	13.0			
Model: T100		Target Swath (FT): 35		Wind Velocity (MPH):	10	10	10	10.0			
% Boom Width: -		Standard (x2)		Cross-Wind (MPH):	-0.3	3.7	3.1	2.2			
Boom Drop (IN): -		Orif. #: N/A, Def: N/A		Ambient Temp (F):	-	-	-	49			
Winglets?: No				Rel Humidity (%):	-	-	-	59			

Notes: Droplet size: 280



Swath (FT)	CV (RT)	CV (BF)
26	30 %	16 %
27	30 %	17 %
28	29 %	17 %
29	23 %	16 %
30	16 %	16 %
31	16 %	15 %
32	14 %	12 %
33	13 %	11 %
34	11 %	10 %
35	9 %	7 %
36	7 %	6 %
37	6 %	5 %
38	7 %	6 %
39	8 %	8 %
40	11 %	11 %
41	14 %	14 %
42	17 %	17 %
43	20 %	20 %
44	22 %	22 %

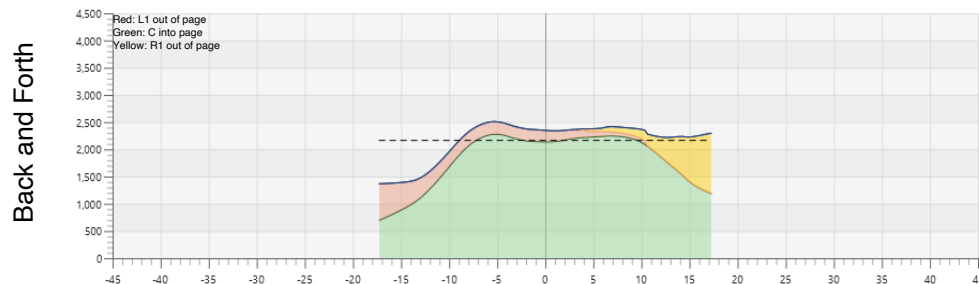
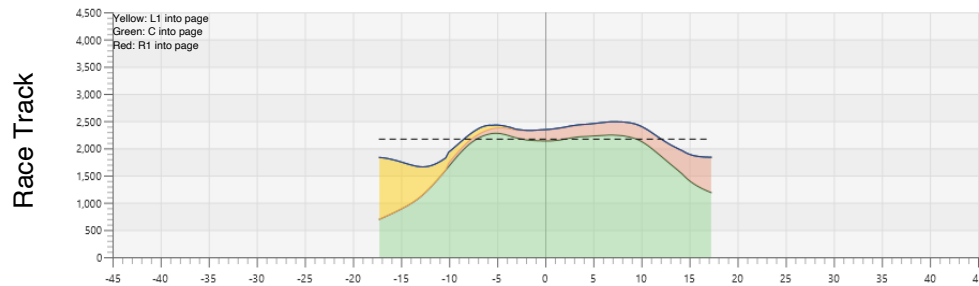
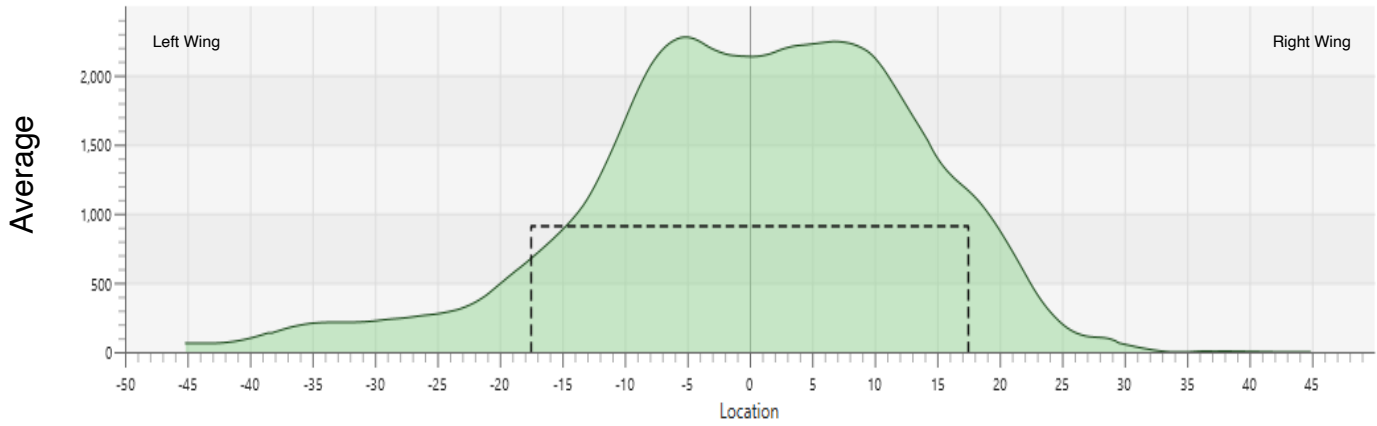
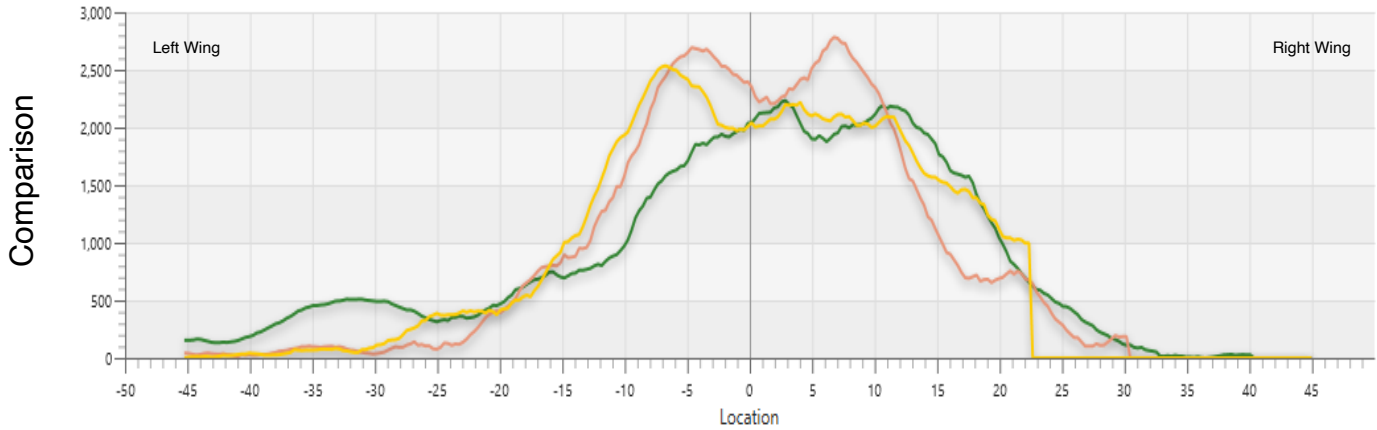
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N0001 - 17

Aircraft	Reg. #: N0001	Configuration	Boom Pressure (PSI):	Series Data	Pass 1	Pass 2	Pass 3	Avg	USDA Model	Est. GPA:
	Series #: 17		Target Rate (GPA): 3		55	54	52	53		
	Make: DJI		Target Swath (FT): 39		16.4	16.4	16.4	16.4		
	Model: T100		Standard (x4)		10	9	7	8.7		
	% Boom Width: -		Orif. #: N/A, Def: N/A		1.9	1.1	-1.6	0.5		
	Boom Drop (IN): -				-	-	-	49		
Winglets?: No		-	-	-	59					

Notes: Droplet size: 280



Swath (FT)	CV (RT)	CV (BF)
26	22 %	14 %
27	19 %	15 %
28	16 %	15 %
29	10 %	14 %
30	5 %	15 %
31	5 %	15 %
32	6 %	14 %
33	8 %	15 %
34	10 %	16 %
35	13 %	17 %
36	15 %	18 %
37	18 %	20 %
38	20 %	21 %
39	23 %	23 %
40	25 %	24 %
41	27 %	26 %
42	29 %	28 %
43	31 %	30 %
44	33 %	32 %

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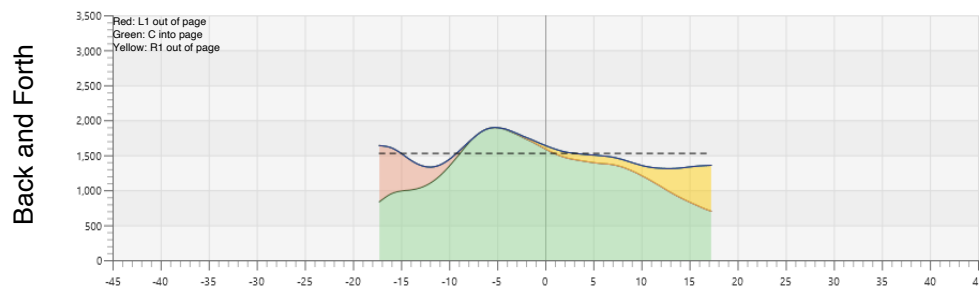
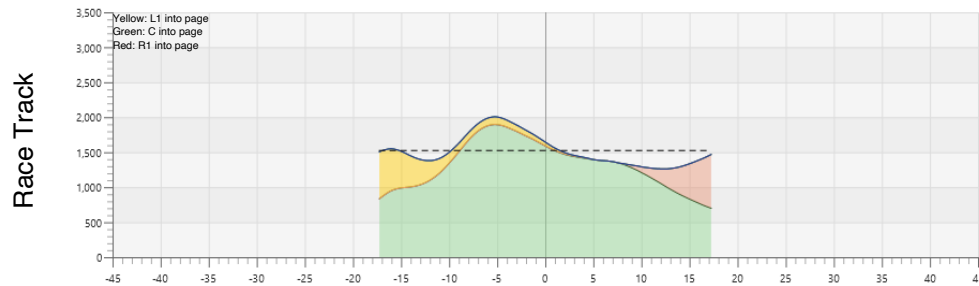
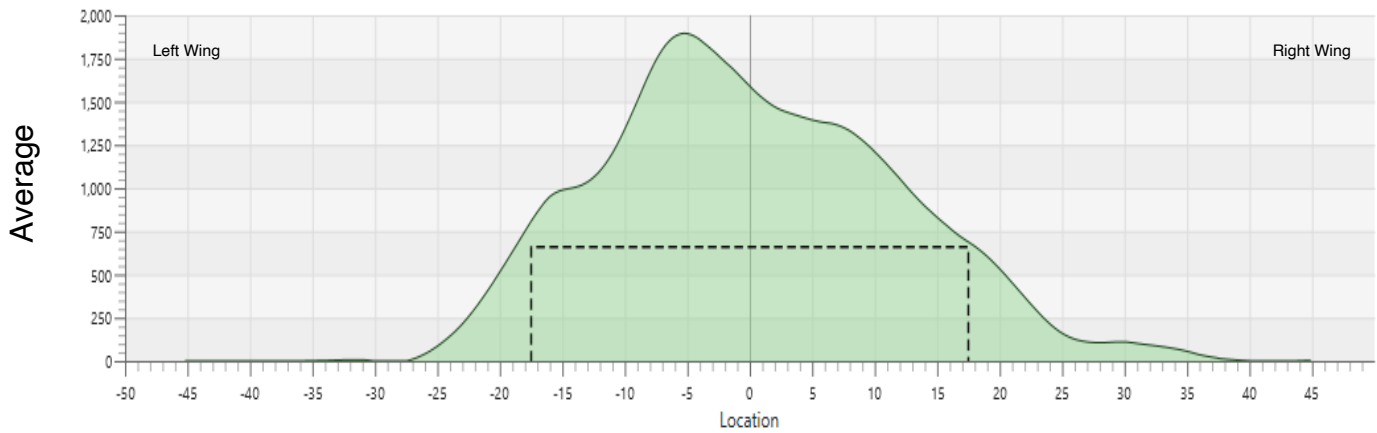
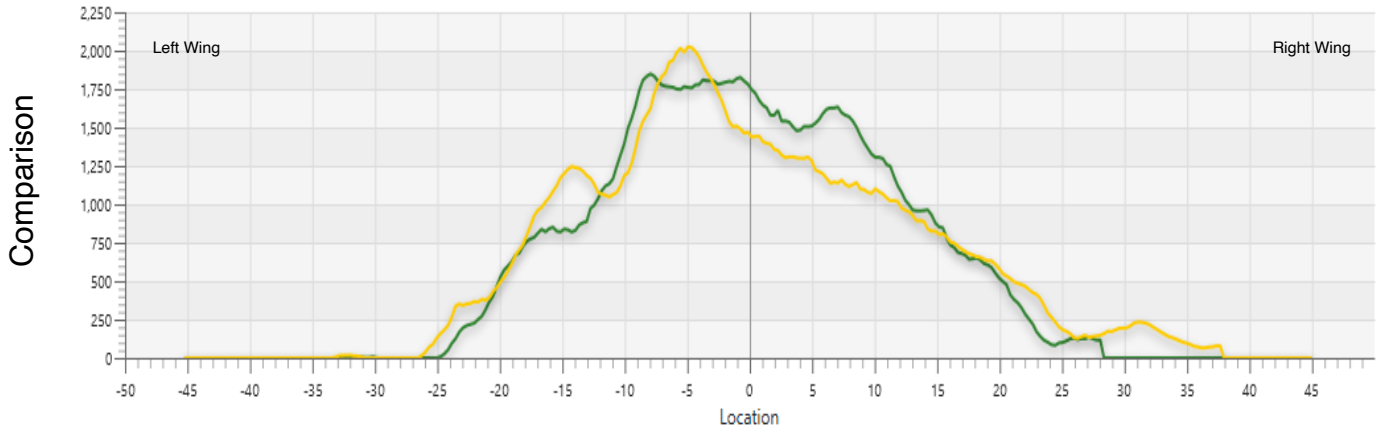
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N0001 - 18

Est. GPA:

Aircraft	Configuration		Series Data	Pass 1	Pass 2	Pass 3	Avg	USDA Model
	Reg. #: N0001	Boom Pressure (PSI):			42	-	42	
Series #: 18	Target Rate (GPA): 3		42	-	42	42		
Make: DJI	Target Swath (FT): 35		13	-	13	13.0		
Model: T100	Standard (x4)		11	-	12	11.5		
% Boom Width: -	Orif. #: N/A, Def: N/A		-0.4	-	4.7	2.2		
Boom Drop (IN): -			-	-	-	49		
Winglets?: No			-	-	-	59		

Notes: Droplet size: 280



Swath (FT)	CV (RT)	CV (BF)
26	19 %	13 %
27	17 %	12 %
28	15 %	11 %
29	13 %	10 %
30	9 %	9 %
31	10 %	8 %
32	10 %	9 %
33	11 %	9 %
34	13 %	10 %
35	15 %	12 %
36	16 %	13 %
37	18 %	15 %
38	20 %	17 %
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41	25 %	24 %
42	27 %	26 %
43	29 %	29 %
44	32 %	31 %

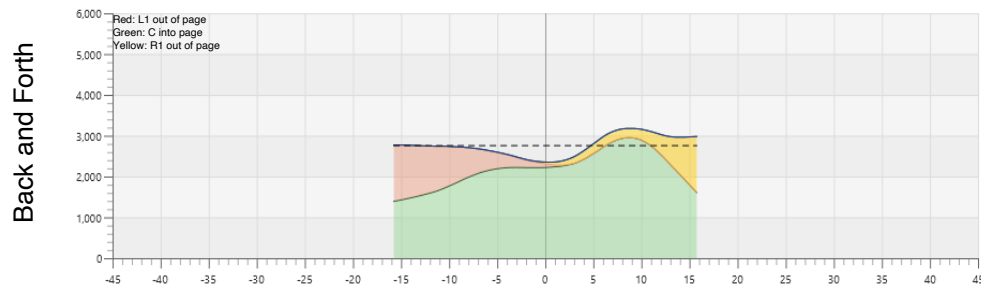
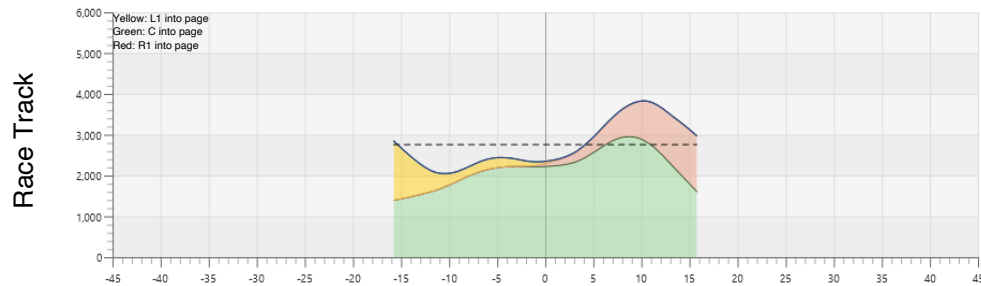
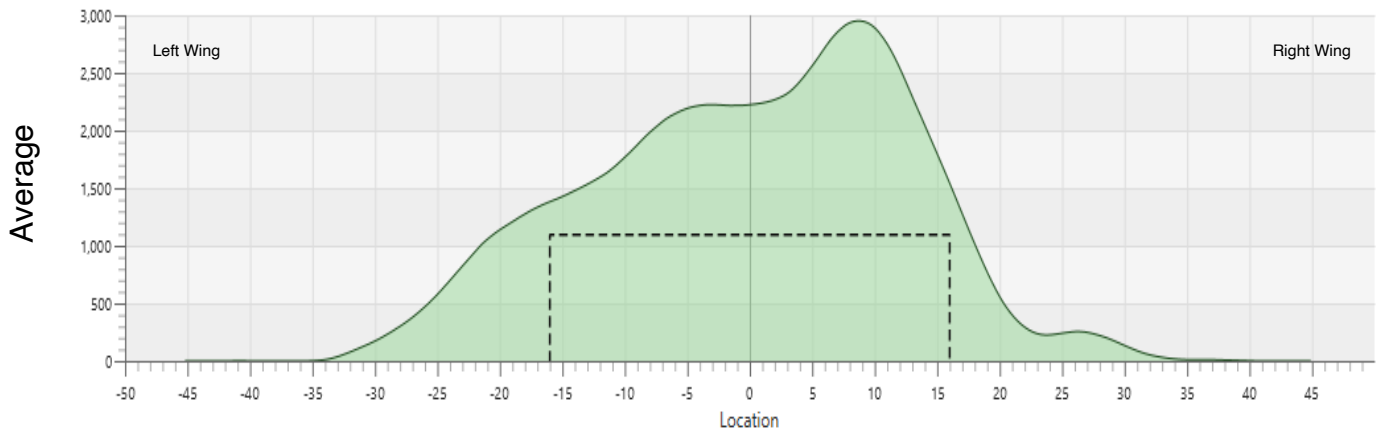
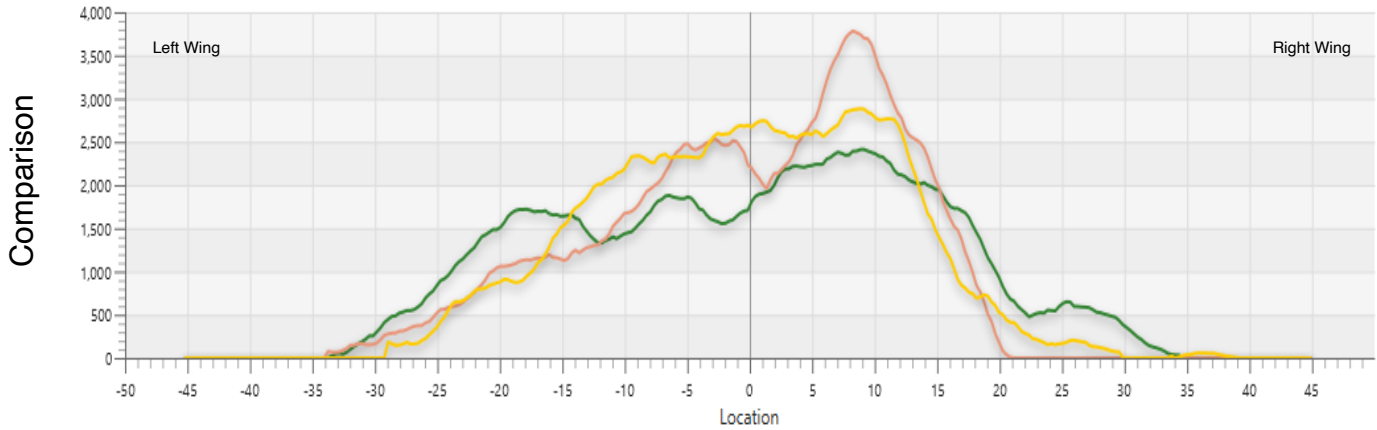
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N0001 - 20

Aircraft	Reg. #: N0001	Configuration	Boom Pressure (PSI):	Series Data	Pass 1	Pass 2	Pass 3	Avg	USDA Model	Est. GPA:
	Series #: 20		Target Rate (GPA): 5		41	38	39	39		
	Make: DJI		Target Swath (FT): 25		13	13	13	13.0		
	Model: T100		Standard (x2)		10	7	8	8.3		
	% Boom Width: -		Orif. #: N/A, Def: N/A		0.5	1.6	0.3	0.8		
	Boom Drop (IN): -				-	-	-	58		
Winglets?: No		-	-	-	47					

Notes: Droplet size: 280



Swath (FT)	CV (RT)	CV (BF)
23	21 %	16 %
24	22 %	17 %
25	23 %	17 %
26	23 %	15 %
27	24 %	15 %
28	24 %	14 %
29	23 %	12 %
30	20 %	12 %
31	20 %	10 %
32	21 %	9 %
33	21 %	10 %
34	20 %	10 %
35	20 %	11 %
36	20 %	13 %
37	19 %	14 %
38	19 %	16 %
39	19 %	18 %
40	20 %	20 %
41	20 %	21 %