

	Debby		20240804H2		0604A		2221 KLAL		HHMMZ
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	Sellwood/Annane			
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- ✓ Discuss the pattern with the Lead Project Scientist (LPS) and ensure that enough dropsondes are onboard.
- ✓ Complete the appropriate pre-flight set-up of your workstation and ASPEN (see [Dropsonde Processing Guide](#)).
  
- ✓ Ensure the Flight Director is aware of upcoming drops and whether a backup is requested in case of failure.
- ✓ Ensure the AVAPS operator has determined that the dropsonde is (or is not) transmitting a good signal.
- ✓ Prioritize processing of center drops and report MSLP and surface wind speed and direction to the Flight Director.
- ✓ Fill in the Dropwindsonde Scientist log as drops are released and processed.
- ✓ Copy completed ASPEN files (e.g., FRD, netCDF, Skew-t, WMO txt, BUFR) into the “FRD” folder on the workstation desktop for automated transmission to the ground for archival.
  
- ✓ Make synoptic map plots in ASPEN and copy them to the “FRD” folder on the workstation desktop for automated transmission to the ground for archival.
- ✓ Ensure ASPEN files have been sent to the ground by locating and verifying all files in the “FLIGHTID” folder within the “FRD” folder on the workstation desktop.
- ✓ Archive ASPEN\_DATA and RAW\_DATA into a folder named with the FLIGHTID within the “Season Dropsonde Archive” folder on the workstation desktop and upload the same directories into StormName/FLIGHTID/Dropsonde/ folder on Drive.
- ✓ Download this Dropwindsonde Scientist Log as “PDF” and upload completed PDF and Google Doc to the StormName/FLIGHTID/Dropsonde/ folder within the “Mission Reports” directory in the HFP Google Drive.

1	230251465	2245	28.99	-83.23	1005	100/43	10		IP NE	1
Comments: set end 2 frames up, slightly fast fall speed removed 6s of T RH										
2	23360607	2254	28.55	-83.75	998	080/45	10		MID NE	2
Comments: removed first 6s wind 14s RH										
3	233824629	2300	28.71	-84.12	994	075/22	10		CENTER (ish)	3
Comments: removed first 6s T and RH fell into rain missed center due to cells										
4	233350132	2313	27.65	-84.95	1003	350/25	10		MID SW	4
Comments: Removed first 6s T RH and 2s Lat/Lon										
5	233560367	2326	26.79	-85.28	1006	310/18	10		EP SW	5
Comments: Changed config to automatically remove first 6s of T and RH										
6	233630626	2356	27.00	-82.76	1006	185/43	10		IP SE	6
Comments: set end 2 frames up - P-3 is not flying at 8000ft altitude had been 10000 previously										
7	233460086	0006	27.58	-83.15	1002	195/54	10		MID SE	7
Comments: good drop no manual QC										
8	233630608	0022	28.32	-84.03	988	345/10	10		CENTER	8

Comments: good drop no manual QC										
9	233460167	0026	28.50	-84.24	996	040/46	10		RNW NW	9
Comments: low level dry air radar is pretty clear on the west side of the storm										
10	233630602	0033	28.85	-84.53	1004	050/49	10		MID NW	10
Comments: no manual QC										

11	233220918	0046	29.46	-85.32	1009	035/30	10		EP MW	12
Comments: set end 2 frames up										
12	233710364	0101	28.54	-85.95	1007	030/28	10		IP W	13
Comments: no manual QC										
13	233220962	0114	28.53	-85.00	1004	029/34	13		MID W	14
Comments: set end 1 frame up still didn't code a surface wind										
14	233410956	0125	28.53	-84.23	N/A	046/51	819mb		RMW W	15
Comments: stopped transmitting at 818mb ~1600m set heights missing										
15	233641247	0141	28.50	-83.07	1001	160/52	10		MID E	16

Comments: no manual QC skipping East endpoint due to land next drop will be the north IP										
16	233641238	0240	29.84	-84.10	1008	055/39	10		IP N	17
Comments: no manual QC northernmost point but close to original midpoint										
17	233640238	0252	29.10	-83.95	999	055/56	10		Saildrone	18
Comments: saildrone AXBT combo removed stray 110%RH at bottom of sounding and 2 secs of lat/lon at top before sat outage										
18	232240089	0302	28.49	-83.84	986	250/19	10		Center	21
Comments: manually removed 26730 lines of pre-launch data										
19	233350130	0306	28.21	-83.84	995	250/32	10		RMW S	19
Comments: set end 1 frame up										
20	233220998	0316	27.57	-83.84	1005	235/33	10		MID S	20
Comments: no manual QC										

21	233641231	0328	26.77	-83.84	1007	230/33	10		EP S	22
Comments: no manual QC - Last Report										

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