Dropwindsonde Scientist Log

Storm:	AL91	Flight ID:	2022082911	Mission ID:	WBWXA	Takeo	ff:	1905Z	Landing:	0309Z	
Dropsonde Scientist(s):Sim AbersonAVAPS Operator:Warnecke											
Pre-flight											
1	Discu	uss the pattern with th	e Lead Project Se	cientist (LPS) an	nd ensure that	t enougl	n drop	sondes are on	lboard.		
1	Com	Complete the appropriate pre-flight set-up of your workstation and ASPEN (see Dropsonde Processing Guide).									
In-flight											
√	Ensu	Ensure the Flight Director is aware of upcoming drops and whether a backup is requested in case of failure.									
1	Ensu	Ensure the AVAPS operator has determined that the dropsonde is (or is not) transmitting a good signal.									
1	Prior	Prioritize processing of center drops and report MSLP and surface wind speed and direction to the Flight Director.									
1	Fill i	Fill in the Dropwindsonde Scientist log as drops are released and processed.									
1	1.	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.								tation	
Once "scie	ence is complete	?" 									
1		e synoptic map plots in mission to the ground		py them to the "	FRD" folder	on the	workst	ation desktop	o for automated	1	
1		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.									
1		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.									
1		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.									

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Mission ID: WBWXA

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Drop #	Sonde ID	Time UTC	Lat (°N/S)	Lon (°E/W)	Sfc Pressure (mb)	Lowest Wind Direction/Speed (deg/kt)	Lowest Wind Height (m)	AXBT SST (°C)	Eye, Eyewall, Rainband, etc.	Ob #
1	213810380	195547	12.4983	-55.4897	1011.0	04019	10			1
Comments	Comments:									
2		201535	12.7N	53.75W						
Comments	s: Data did not transfer	to ASPEN com	puter		•	•			•	
3	211111682	203628	13.1529	-52.1441	1009.8	02017	10			2
Comments	5:	•				•		4		
4	213630201	205718	12.7557	-50.4871	1009.0	04020	10			3
Comments	Comments:									
5	213830576	211328	12.5068	-49.1641	1008.5	32504	10			4
Comments	5:									
6	213430258	212940	12.5348	-47.81210	1009.6	23020	10			5
Comments	5:									
7	211111681	214519	12.53	-46.513	1007.6					
Comments	s: Fast fall, not transmi	tted								
8	213550860	215413	13.2584	-46.5	1009.5	22519	10			6
Comments	s: post-splash data rem	noved, very dry	air at around 14 k	(ft						
9	213840576	220309	14.0087	-46.5	1009.0	15716	10			7
Comments	5:									
10	211030674	222136	14.0896	-47.850	1007.4	07008	10			9
Comments	s: Corrected message s	sent								

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11	213810473	223708	14.0481	-49.1838	1008.6	03519	10			8
Comments	s: Corrected message :	sent								
12	213570239	225213	14.0309	-50.4854	1010.2	03522	10			10
Comments	s: Corrected message :	sent							-	
13	213830553	230234	14.8939	-50.4999	1010.6	26506	10			11
Comments	s: Corrected message :	sent								•
14	213430252	231258	15.7365	-50.4748	1010.2	03024	10			12
Comments	5:									•
15	213550861	232904	15.7953	-49.0669	1011.3	04028	10			13
Comments	5.									•
16	211030669	234320	15.7514	-47.8274	1011.0	06522	10			14
Comments	5:									
17	211111733	235830	15.7765	-46.5139	1010.1	09514	10			15
Comments	5:							-	-	
18	211130350	000900	16.6414	-46.5	1011.3	07522	10			16
Comments	s: Very dry at top			-				-		
19	211040864	001915	17.4841	-46.5215	1012.2	07026	10			17
Comments	s: Very dry at top 5% RI	4								
20	213810471	003445	17.5090	-47.8442	1013.6	05520	10			18
Comments	s: Very dry at top< 2% F	RH								

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21	213620512	005024	17.5089	-49.1792	1012.9	05524	10	27.6		19
Comments	s: 2% RH near top,remo	oved post-splas	h data, possible S	SST from post-sp	lash data			-		
22	211040809	010608	17.4895	-50.5168	1013.5	05520	10			20
Comments	s: 5% RH near top							-		
23	213630213	012611	16.672	-52.0216	1014.1	04525	10			21
Comments	s: 5% RH near top, 16%	RH at 700 mb			•	•				•
24	213430242	014616	15.8334	-53.5302	1014.0	03520	10			22
Comments	Comments: 20% RH just above 700 mb									
25	213430237	020556	14.9977	-550065	1013.4	04018	10			23
Comments	s: 21% RH at 800 mb				•	•				•
Comments	5:							-	-	
Comments	5:		-		-				-	
Comments	5:									
Comments	Comments:									
Comments	5:									