

Dropwindsonde Scientist Log

Storm:	<i>EARL</i>	Flight ID:	<i>090641</i>	Mission ID:	<i>1206A</i>	Takeoff:		Landing:	
Dropsonde Scientist(s):	<i>J. Adams</i>								
	AVAPS Operator:								

Pre-flight

- Not Started Discuss the pattern with the Lead Project Scientist (LPS) and ensure that enough dropsondes are onboard.
- Not Started Complete the appropriate pre-flight set-up of your workstation and ASPEN (see Dropsonde Processing Guide).

In-flight

- ✓ 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.

Once "science is complete" ...

- Not Started 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.
- Not Started 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.
- Not Started 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.
- Not Started 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.

Storm: *Paul Ty* Flight ID: *04641* Mission ID: *12064*

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	21080284	091836	21.91	64.48	1008.3	22027				1 ✓
Comments: <i>JP 52</i>										
2	204820421	093014	22.65	64.93	1004.4	20037				2 ✓
Comments: <i>mark 52</i>										
3	22150272	094147	23.41	65.39	999.5	13531				3 ✓
Comments: <i>Center - not really</i>										
4	221240703	094943	23.81	65.85	1003.5	03544				4 ✓
Comments: <i>RMM1 NW</i>										
5	22122029	095017	23.83	65.89	1004.1	04542				5 ✓
Comments: <i>RMM2</i>										
6	221030140	095050	23.85	65.92	1005.1	05044				6 ✓
Comments: <i>RMM3</i>										
7	22120004	095519	24.07	66.17	1005.8	03545				7 ✓
Comments: <i>Wind VE 095519</i>										
8	221220336	100629	24.75	66.59	1010.6	05035				8 ✓
Comments: <i>Wind VE</i>										
9	205050397	102539	25.00	66.52	1008.0	04529				9 ✓
Comments: <i>Sonde speeded - Feb - check 1012.6</i>										
10	221220289	105741	23.52	67.29	1010.7	35526				10 ✓
Comments: <i>Empire West - going away →</i>										

Storm: *RmW* Flight ID: *0906191* Mission ID: *1206A* Page *3* of *4*

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 #
11	220850220	111038	23.48	66.31	1004.7	00545				11 ✓
Comments: <i>WLD P - W 111</i>										
12	22125034	111745	23.50	65.77	998.4	06023				12 ✓
Comments: <i>center missed w RmW</i>										
13	221220334	112710	23.50	65.05	1003.3	16527				13 ✓
Comments: <i>RmW E 1</i>										
14	221220206	112744	23.50	65.00	1002.4	14527				14 ✓
Comments: <i>LmW 2</i>										
15	211050708	112816	23.499	64.97	1001.0	15027				15 ✓
Comments: <i>RmW 3 2</i>										
16	210850290	133706	23.48	64.31	1000.6	14536				16 ✓
Comments: <i>WLD P 2 W</i>										
17	208050242	114424	23.56	63.40	1009.0	13529				17 ✓
Comments: <i>WLD P 2 114424</i>										
18	203250870	120911	24.67	64.42	1011.1	0941		28.70		18 ✓
Comments: <i>Oruba end KB no 1</i>										
19	200620030	121115	24.24	65.01	1005.3	07536				19 ✓
Comments: <i>210620030</i>										
20	221220385	121142	24.22	65.05	1006.0	07098				20 ✓
Comments: <i>front of RmW</i>										

557? 113850 - also a bad soude 2ml 187 28.55°V

Storm: *FNL* Flight ID: *201090781* Mission ID: *1201* Page 4 of 4

Drop #	Sonde ID	Time UTC	Lat (°N/S)	Lon (°E/W)	Sea Pressure (mb)	Lowest Wind Direction/Speed (deg/kt)	Lowest Wind Height (m)	AXBT SST (°C)	Eye, Eyewall, Rainband, etc.	Ob #
21	221060750	121408								

Comments: *failed - 2MLW3 NO data*

22 2212209884123443 24.12 85.58 1085.7 07541

Comments: *RNW out-bound 7L RN*

23 221060750 124108 24.47 64.76 1009.3 10041

Comments: *MODPT test - V An out-bound*

24 221210171 131139 24.60 64.93 1009.6 09039

Comments: *RNW in-bound - 3ml 189 FL RN (189) - Core launch descent*

25 221010249 132836 23.69 65.60 101.8 07515

Comments: *Center 1328*

26 125113

Comments: *MPX P STM - Bad soude - 1342 - frgt bad - Bad data -*

27 221210175 134916 22.95 66.41 1008.0 03025

Comments: *back up for EP - left bound descent - last report.*

Comments:

Comments:

Comments: