## **Dropwindsonde Scientist Log**

Storm: Faul	Flight ID:	ogoth	Mission ID:	5706A	Takeoff:	Landing:
Dropsonde Scientist(s):	Jun 2	hany	A' O	VAPS perator:		

## 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 <u>Dropsonde Processing Guide</u>).

## 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.

Som: Bar

Flight ID: 20 2009 Mission ID:

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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	AXBT SST (°C)	Eye, Eyewall, Rainband, etc.	Ob #
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Storm: Fan

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