

## Update on Falcon 20 data processing

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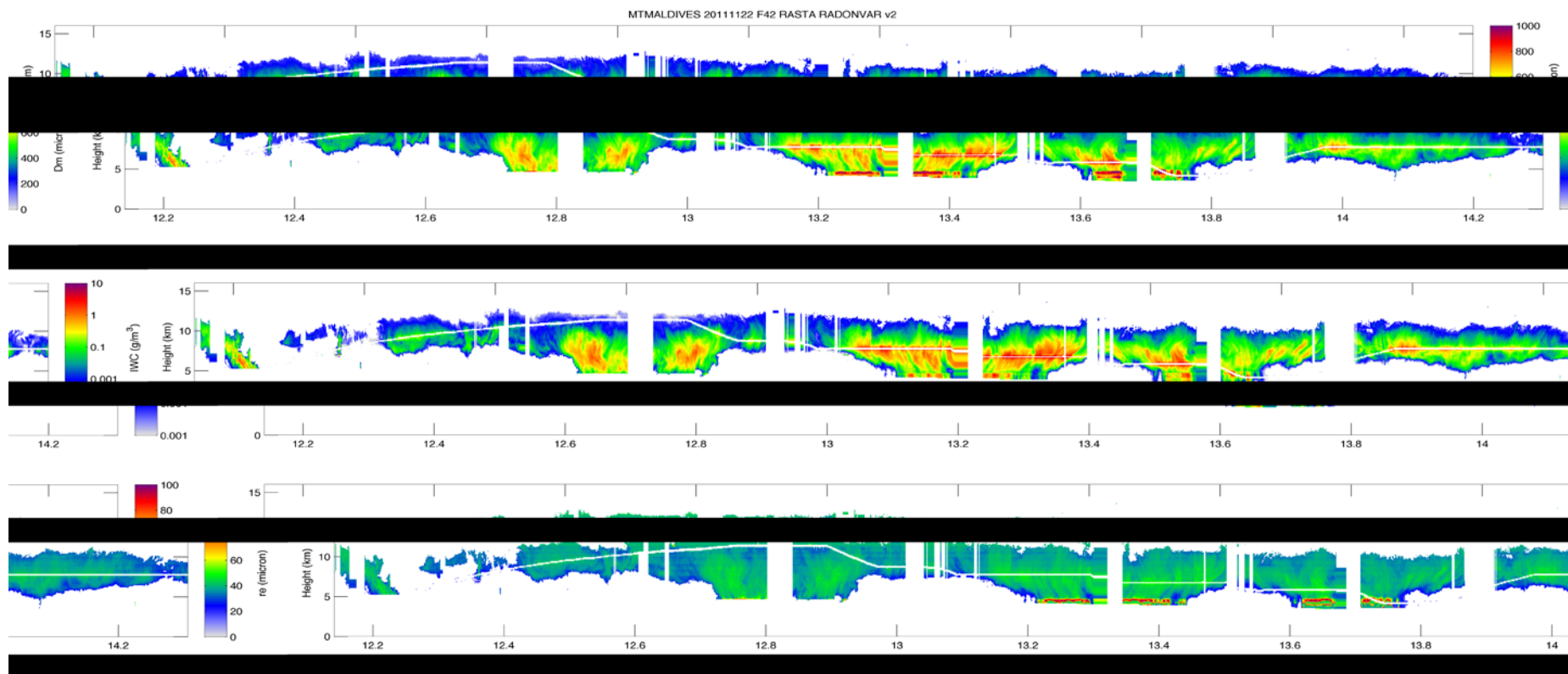


# Status of aircraft data

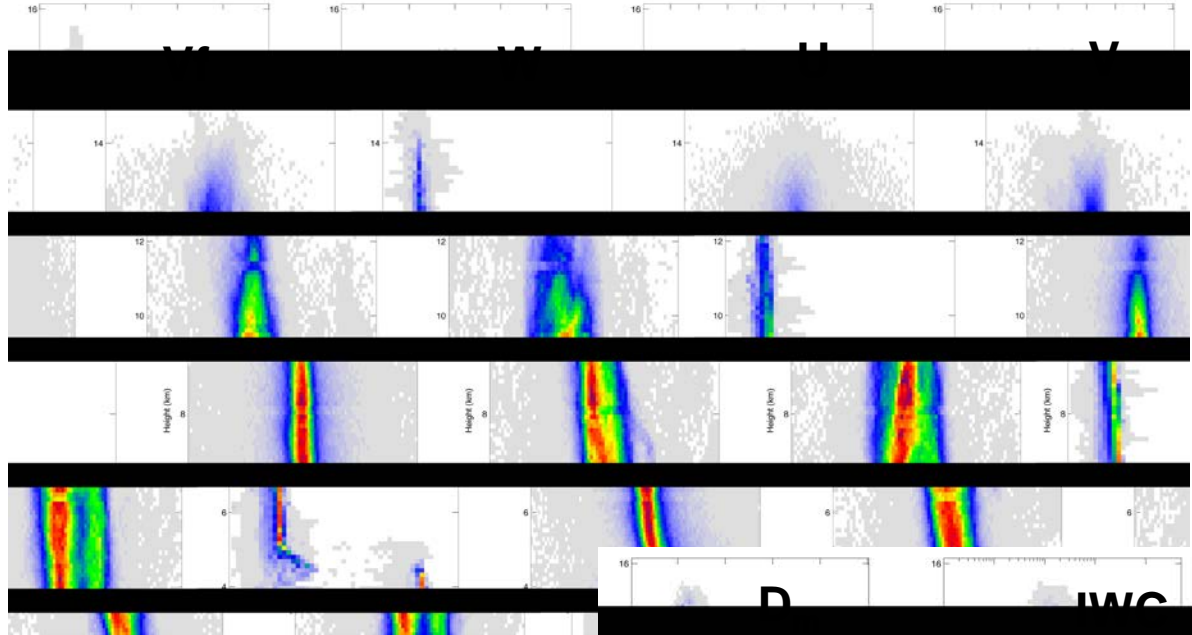


Aircraft in-situ winds were wrong → we have reprocessed all airborne cloud radar data. They are now available → will be put in the database (contact J. Delanoe if you need them today. [Julien.delanoe@latmos.ipsl.fr](mailto:Julien.delanoe@latmos.ipsl.fr))

In-situ PSD measurements → PSD measurements processed.



# First dynamics / microphysics statistics



$$M(D) = a_m D^{b_m}$$



## Objectives

- M(D) and variability
- Microphysics / dynamics of MJO convection
- Compare with land-based monsoon convection
- Cloud retrieval validation

