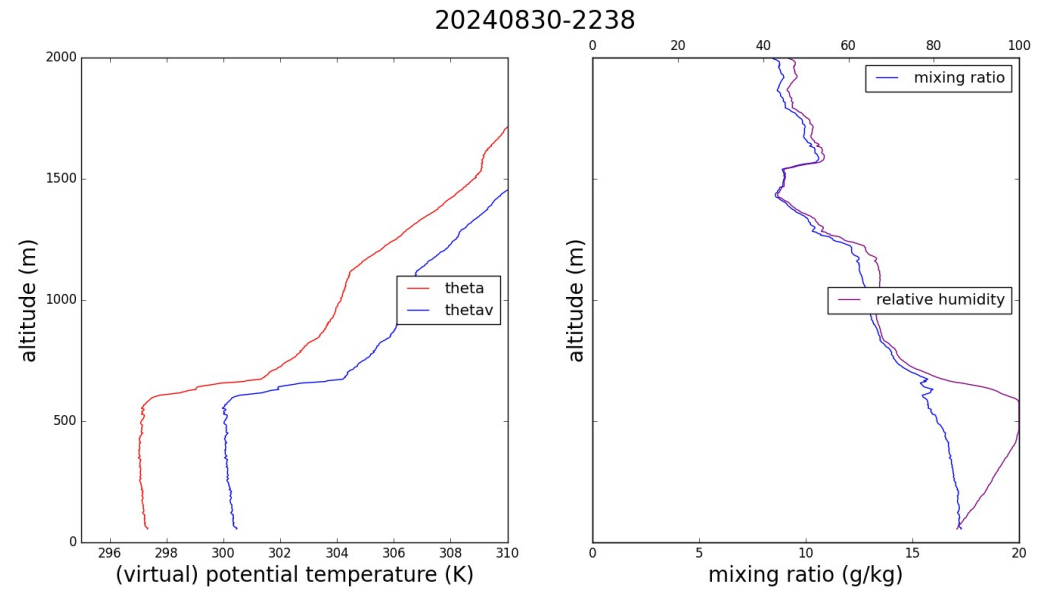
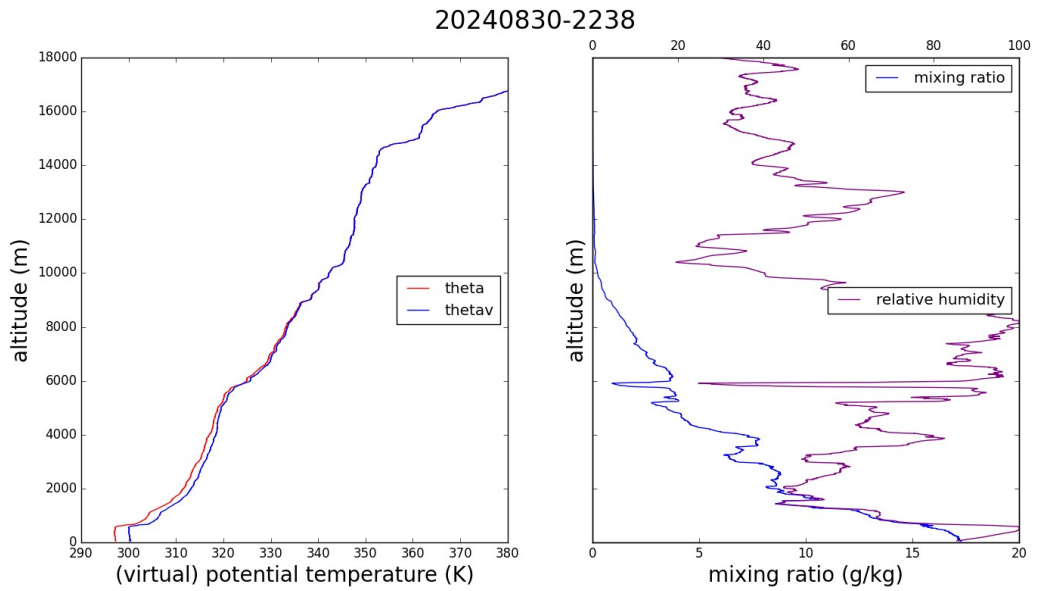
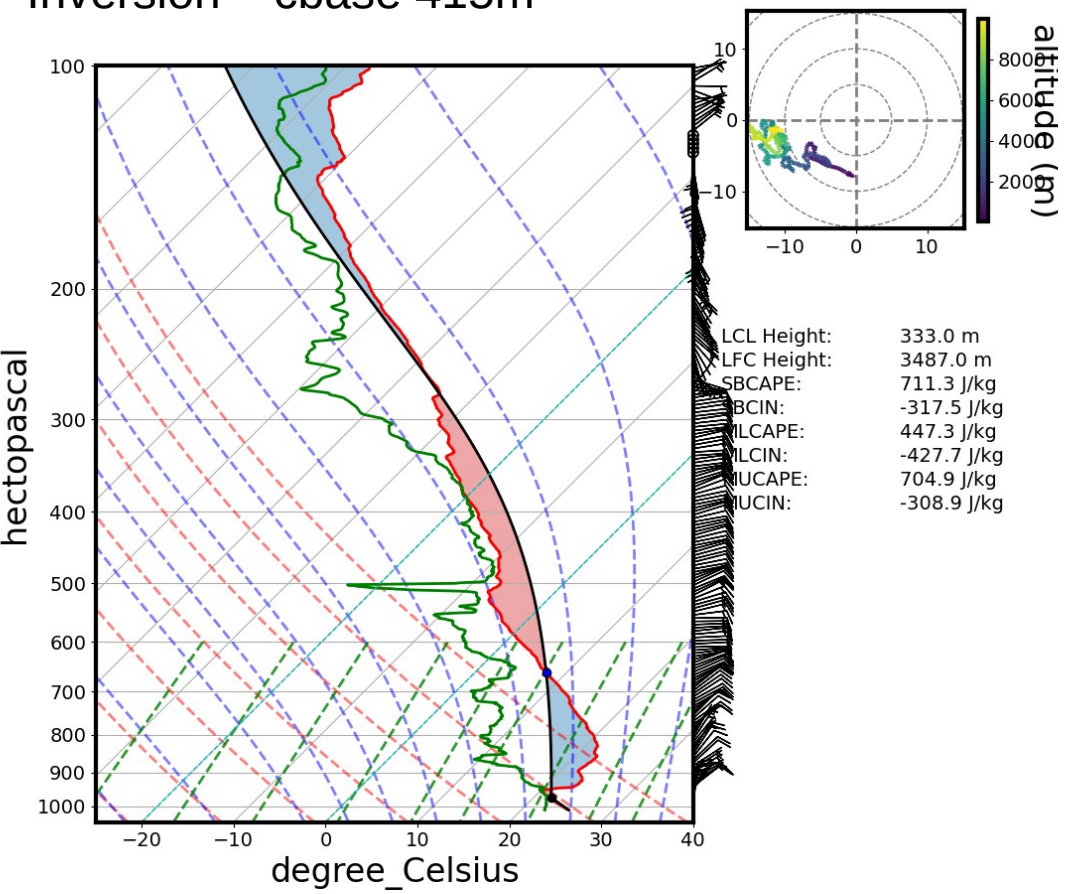


# Summary 30/08/2024

- soundings
- AROME – vertical cross sections
- further Ahead with MISVA products

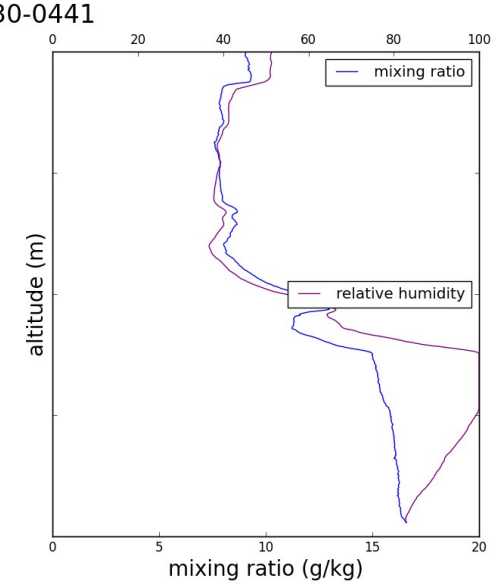
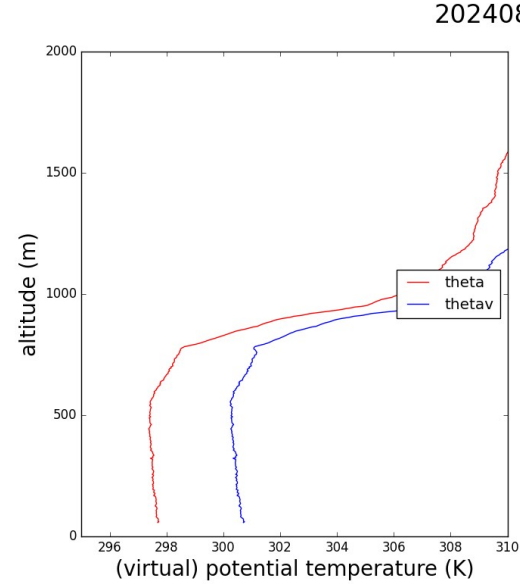
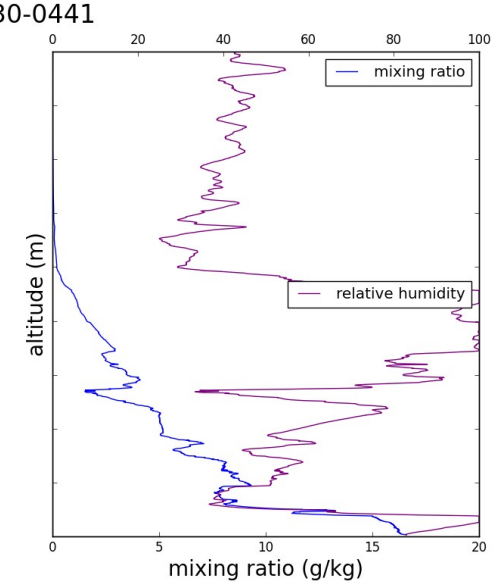
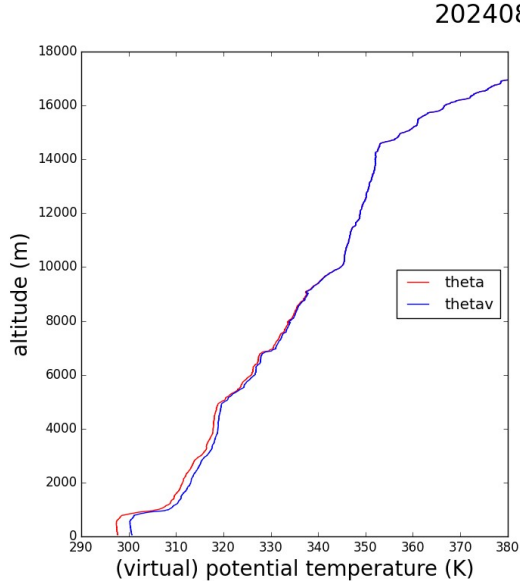
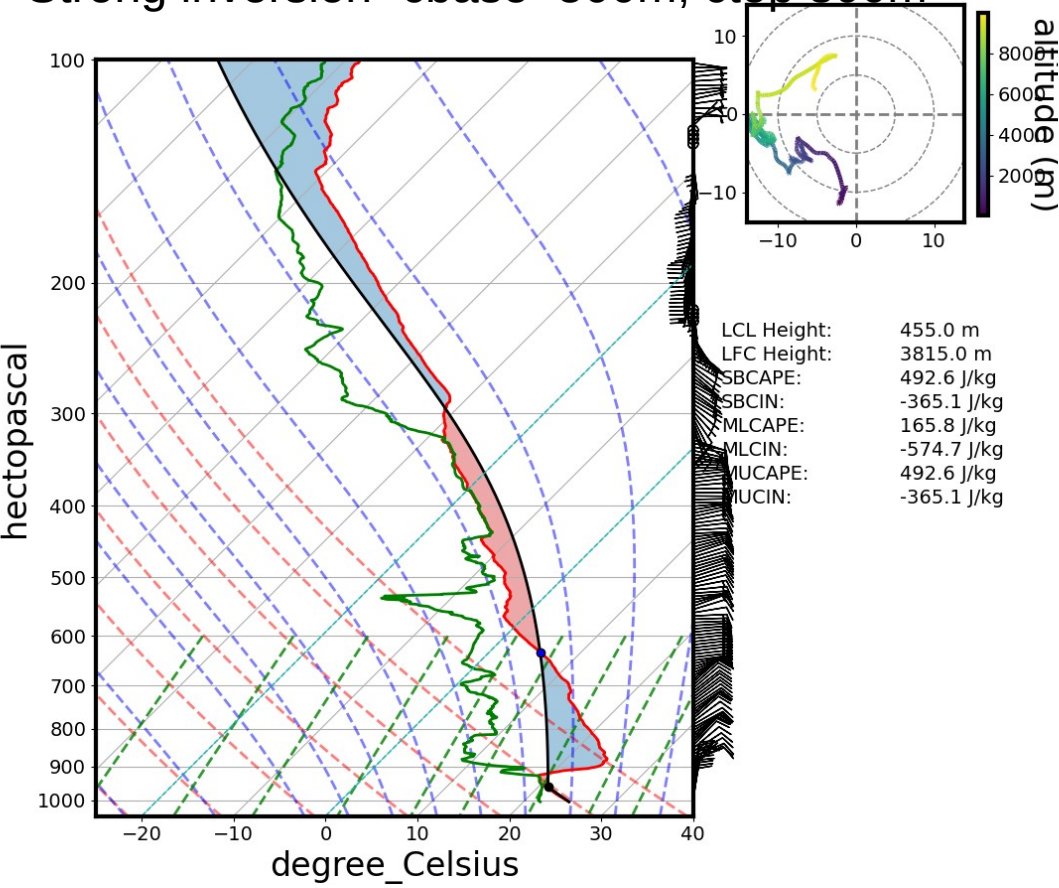
# Sounding

30/08/2024 00Z  
 Inversion – cbase 415m

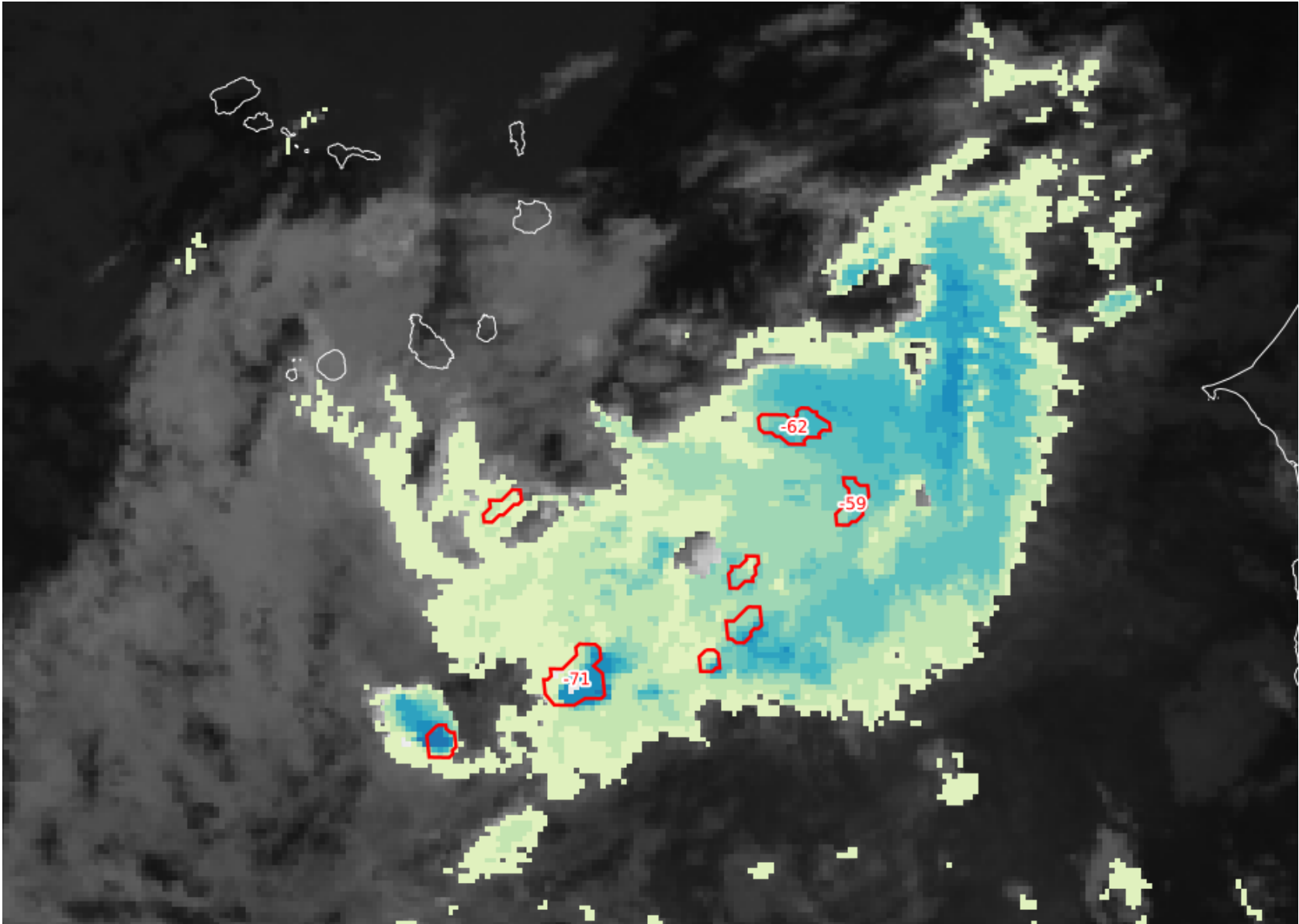


Sounding  
30/08/2024 06Z

Strong inversion -cbase~500m, ctop 800m



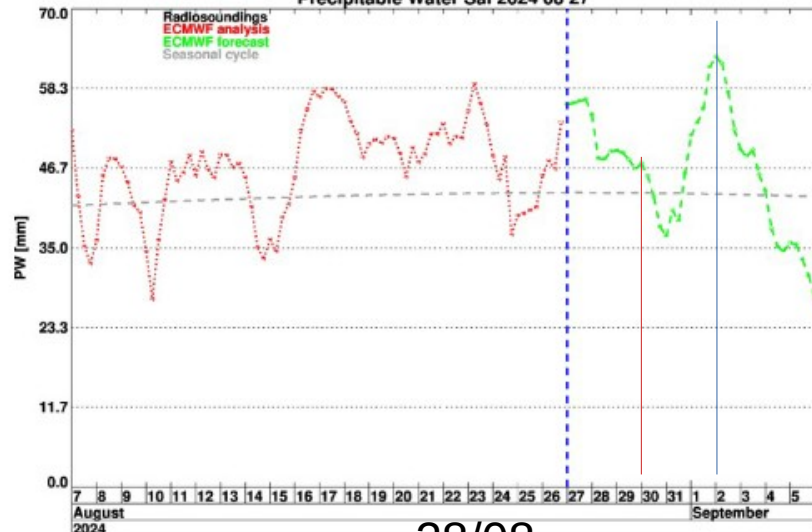
Last IR



# Precipitable Water

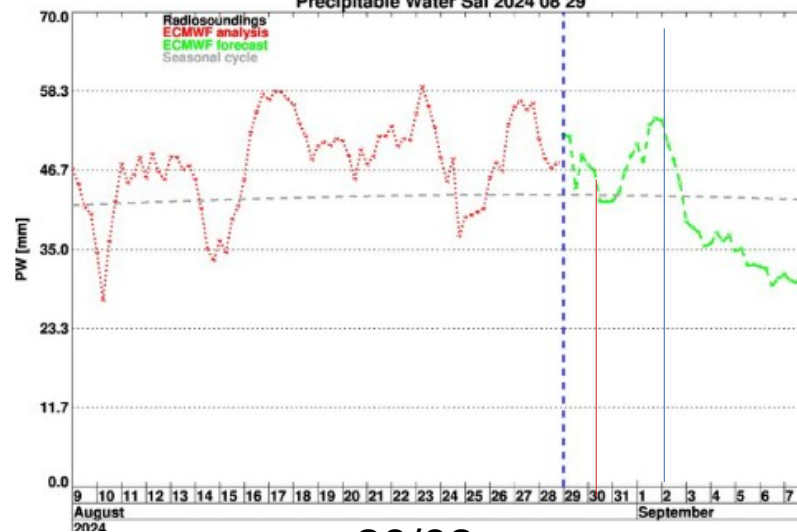
## 27/08

### Precipitable Water Sal 2024 08 27



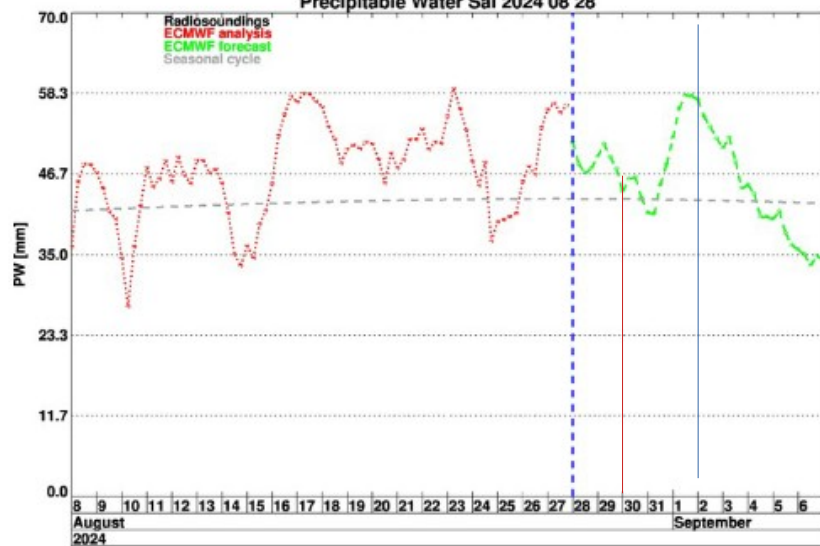
## 29/08

### Precipitable Water Sal 2024 08 29



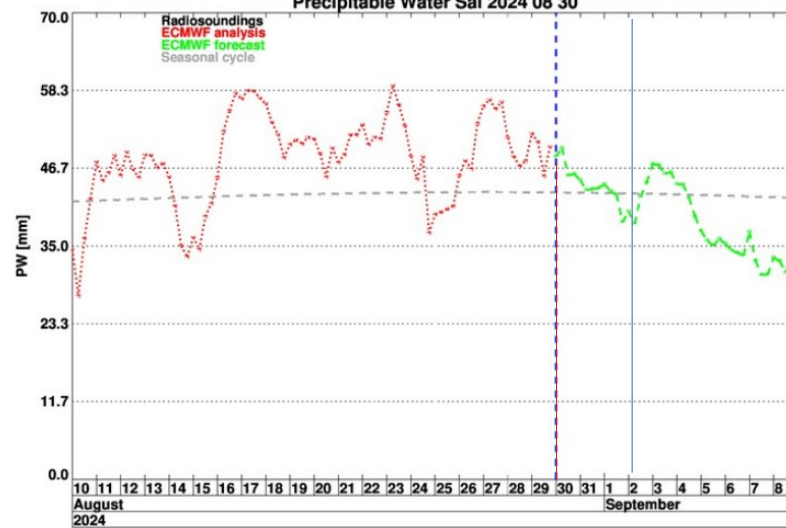
## 28/08

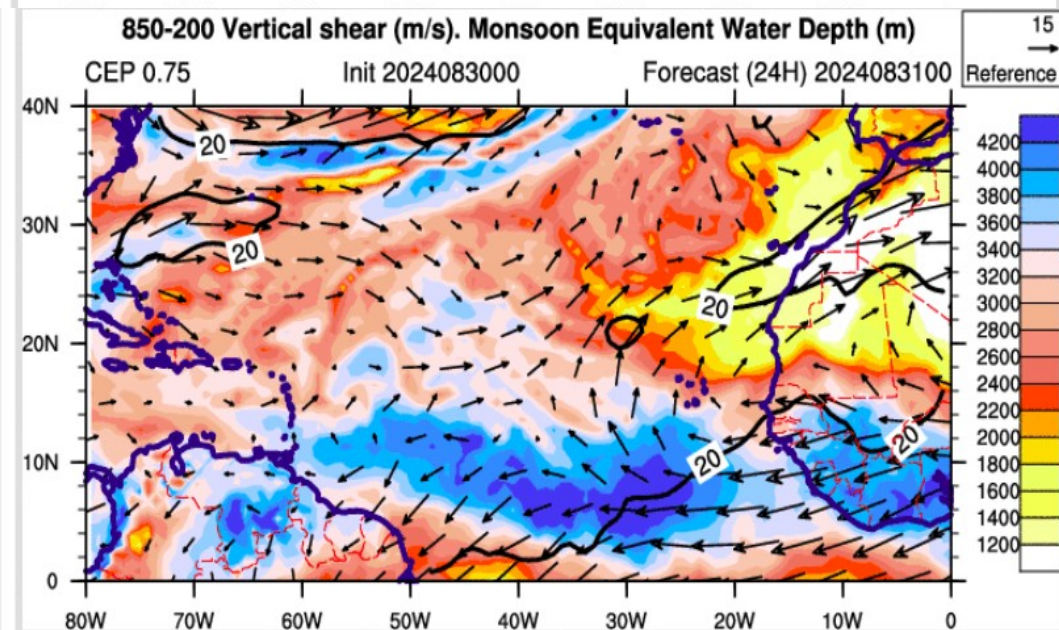
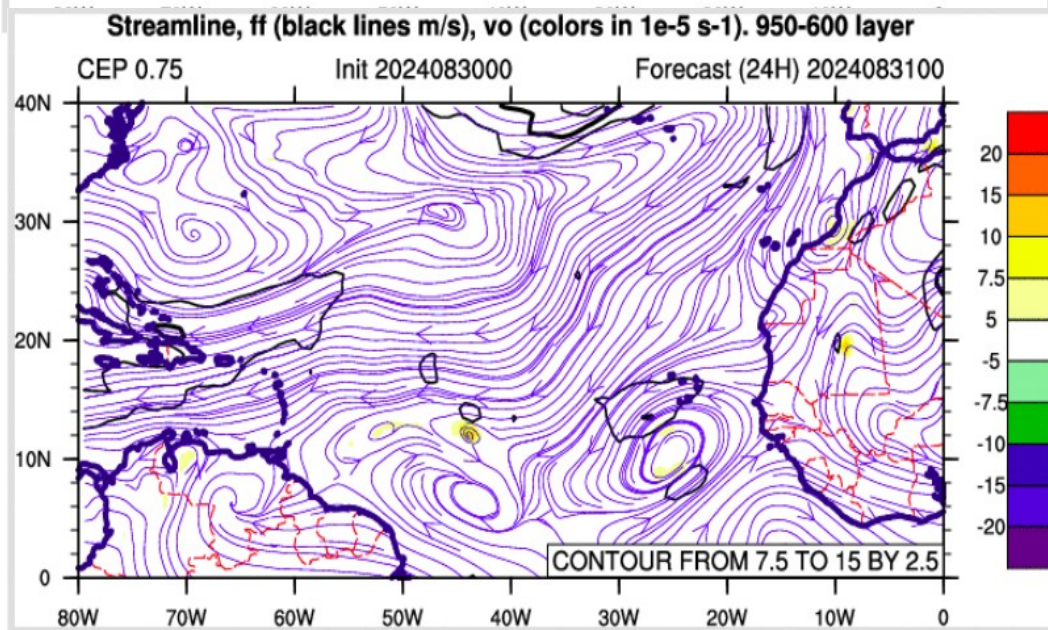
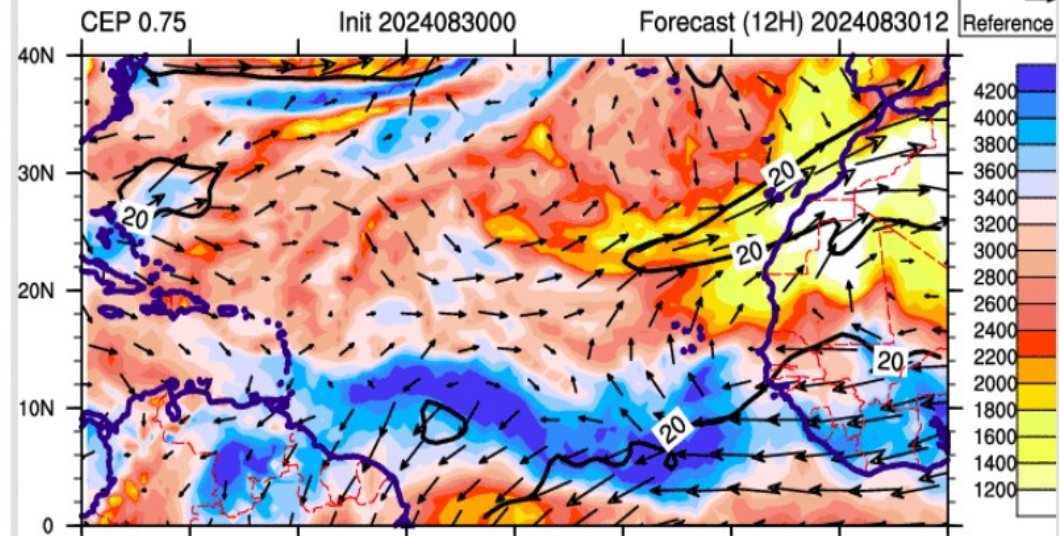
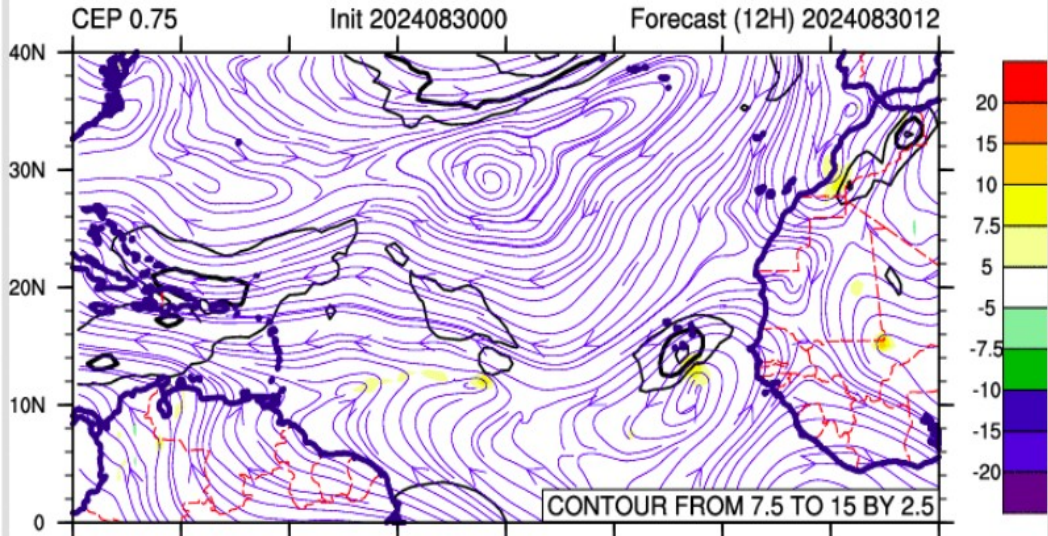
### Precipitable Water Sal 2024 08 28

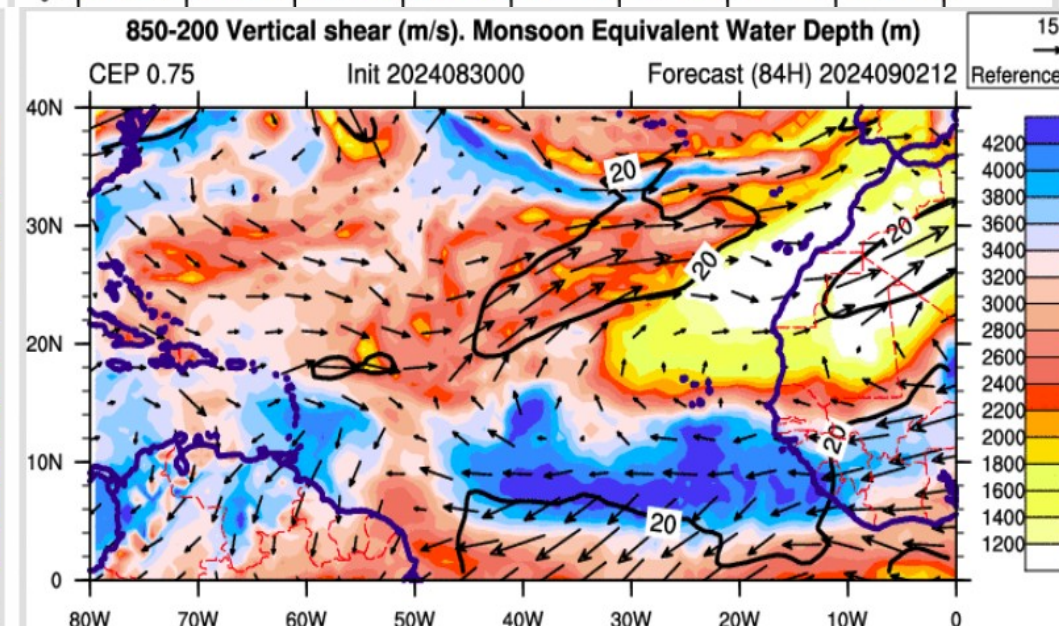
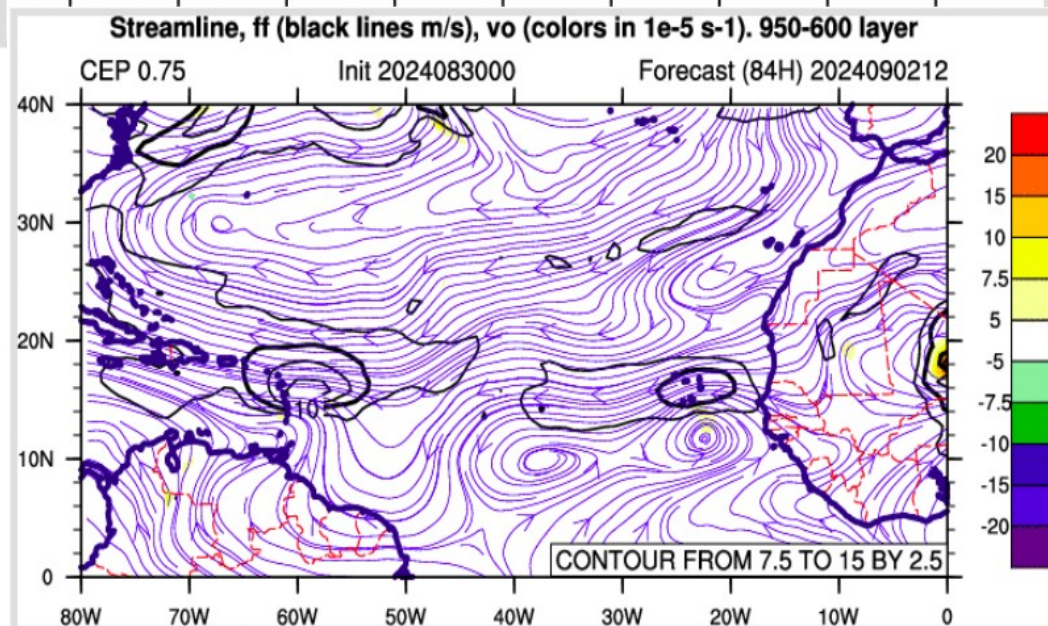
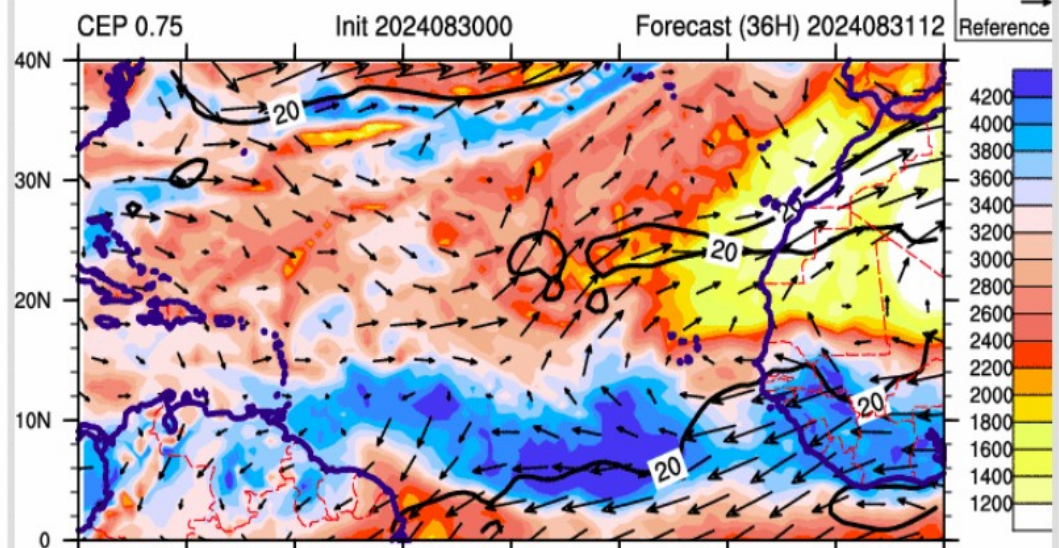
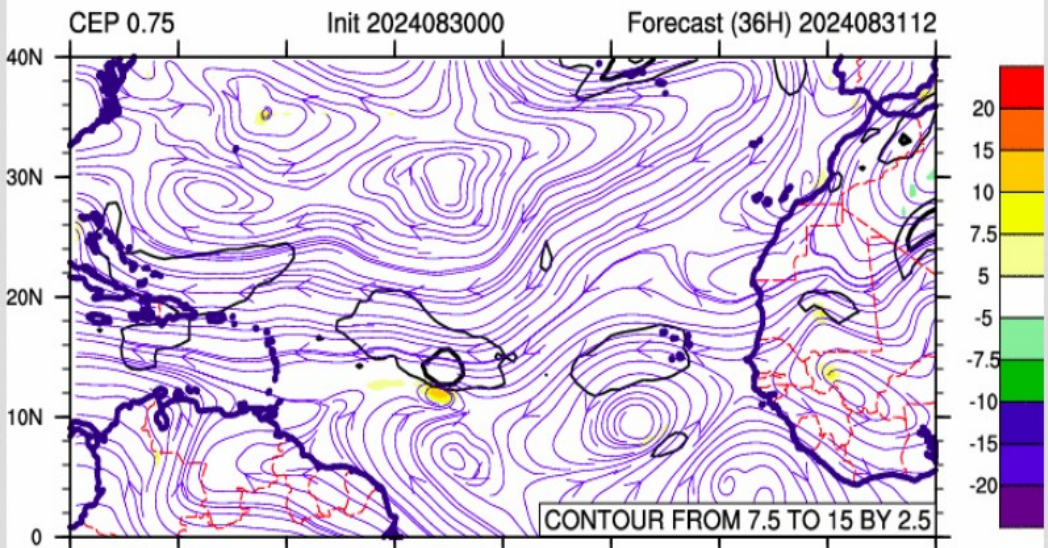


## 30/08

### Precipitable Water Sal 2024 08 30



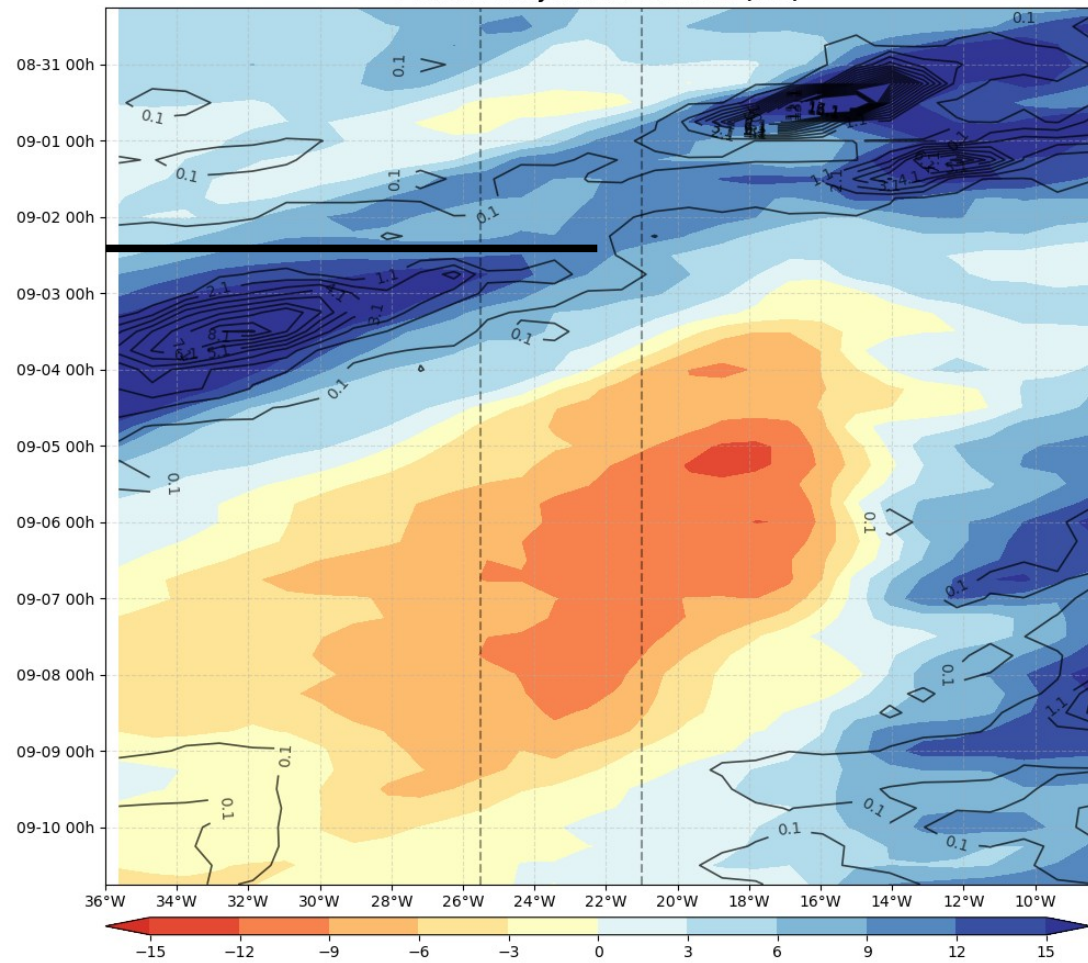




# Hovmuller CFS 14-17N

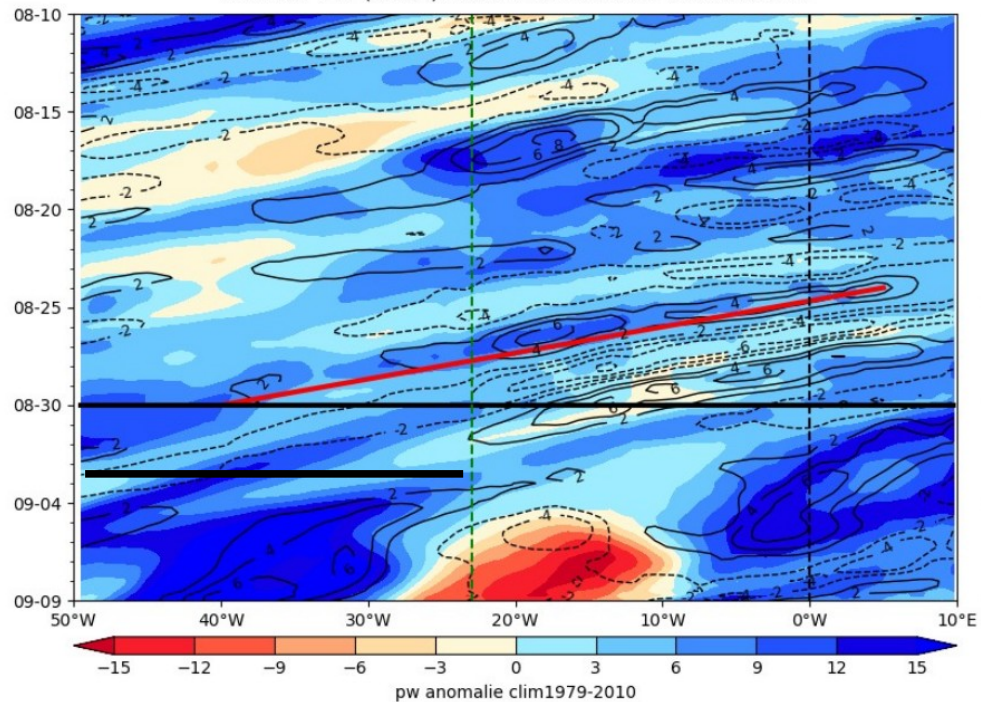
Courtesy Coly

PWAT anomaly & PRATE 14N-17N (CFS)

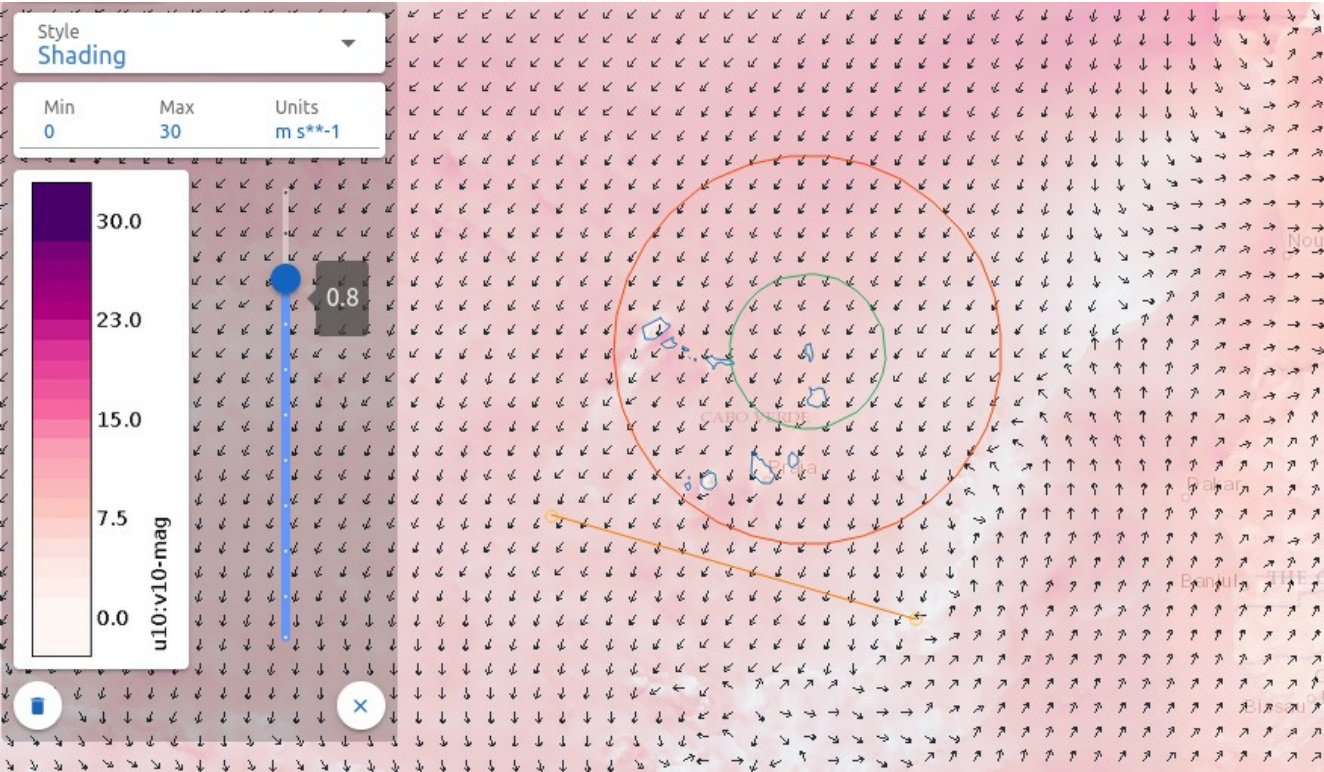


# Hovmuller ECMWF 10-18N

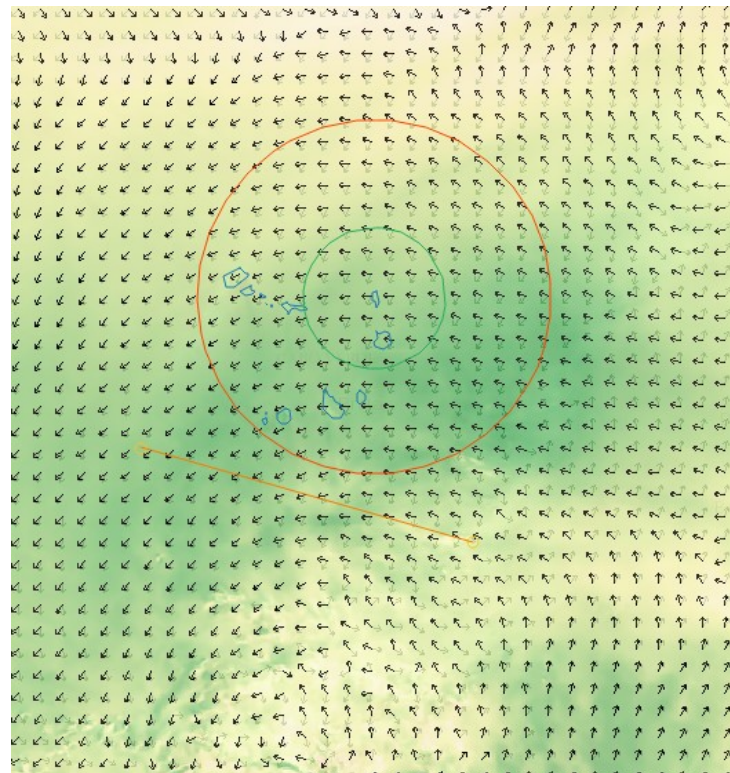
ECMWF PW (color) AND V at 925 hPa 2024-08-30



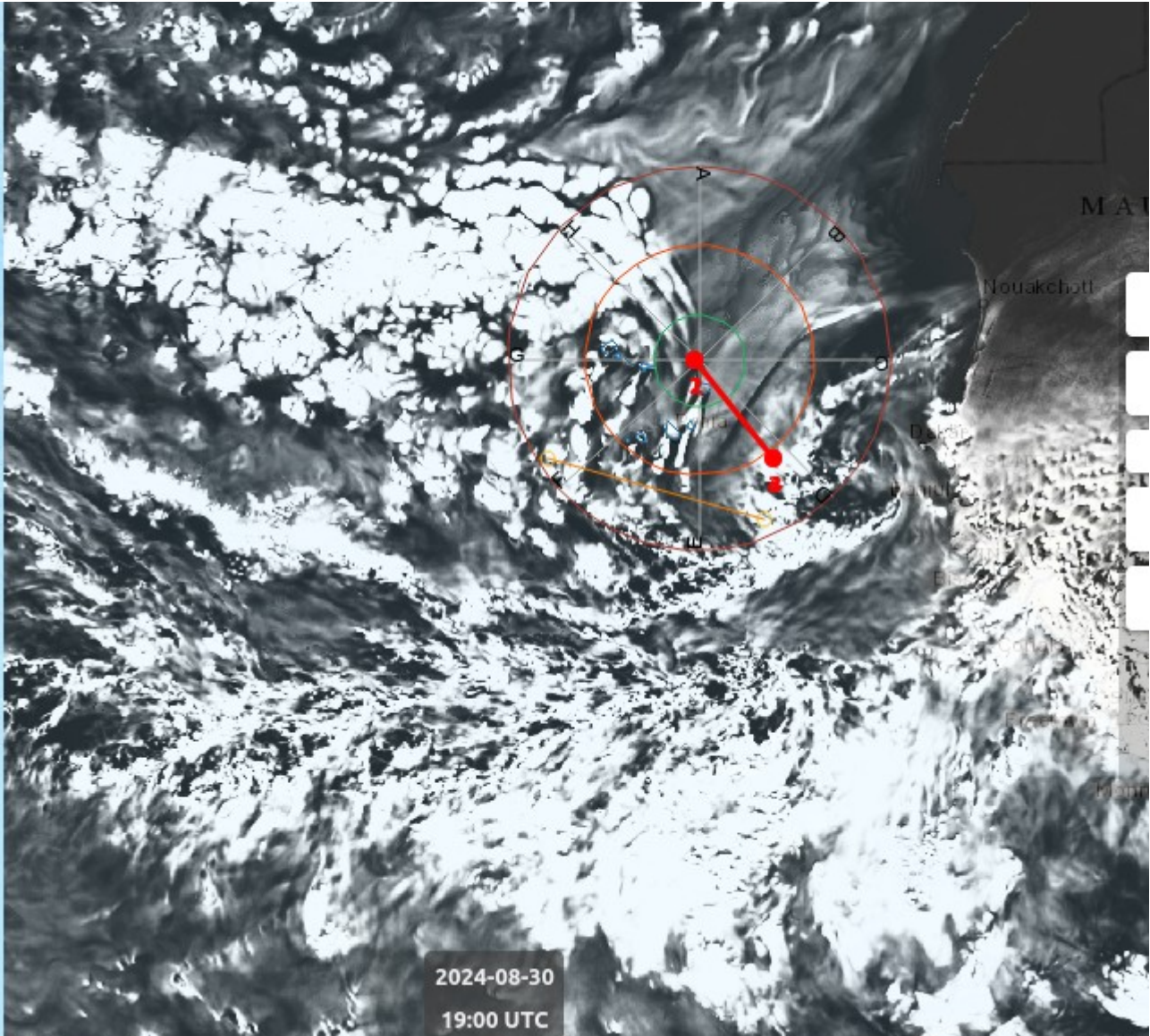




Coupe  
horizontale



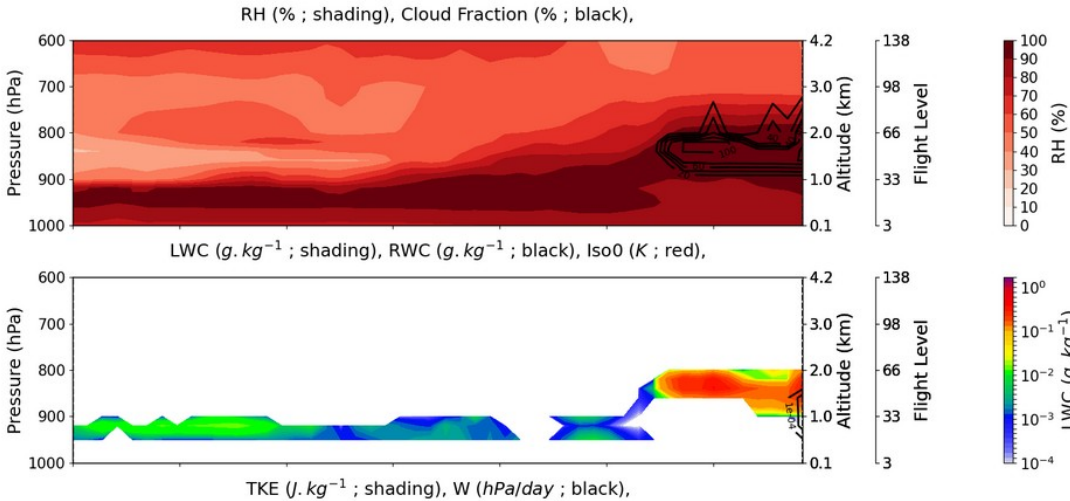
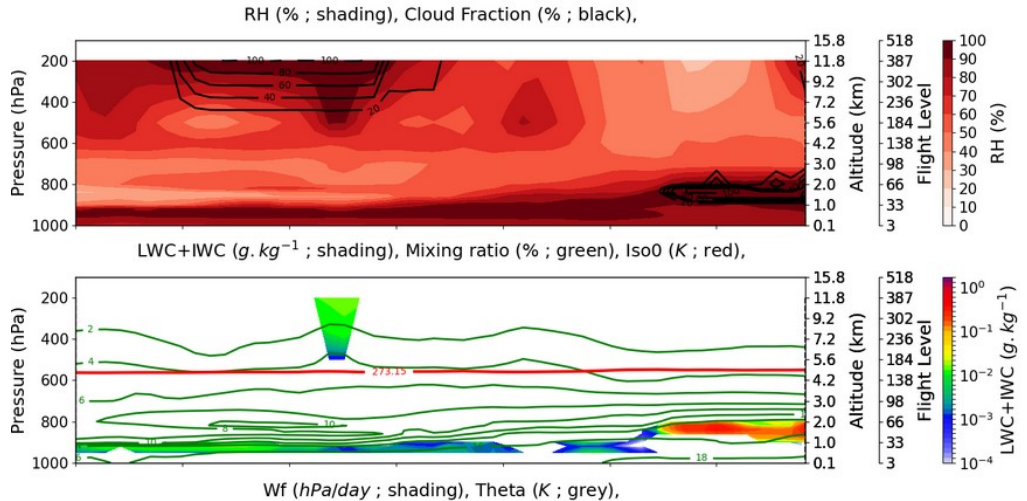
Low Cloud  
Cover at 30/08  
19Z



2024-08-30

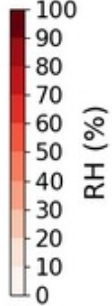
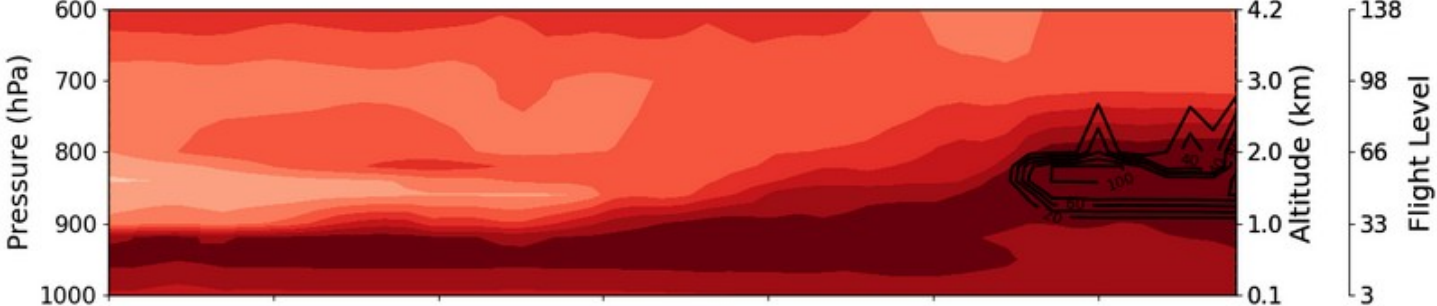
19:00 UTC

# Cloud Cover at 30/08 19Z

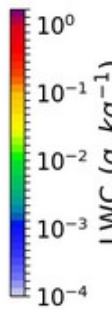
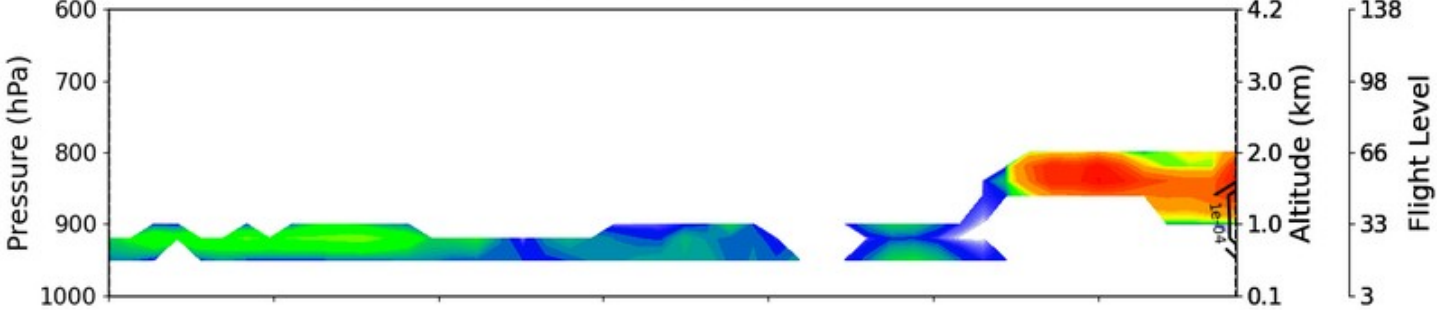


# Cloud Cover at 30/08 19Z

RH (%) ; shading), Cloud Fraction (%) ; black),

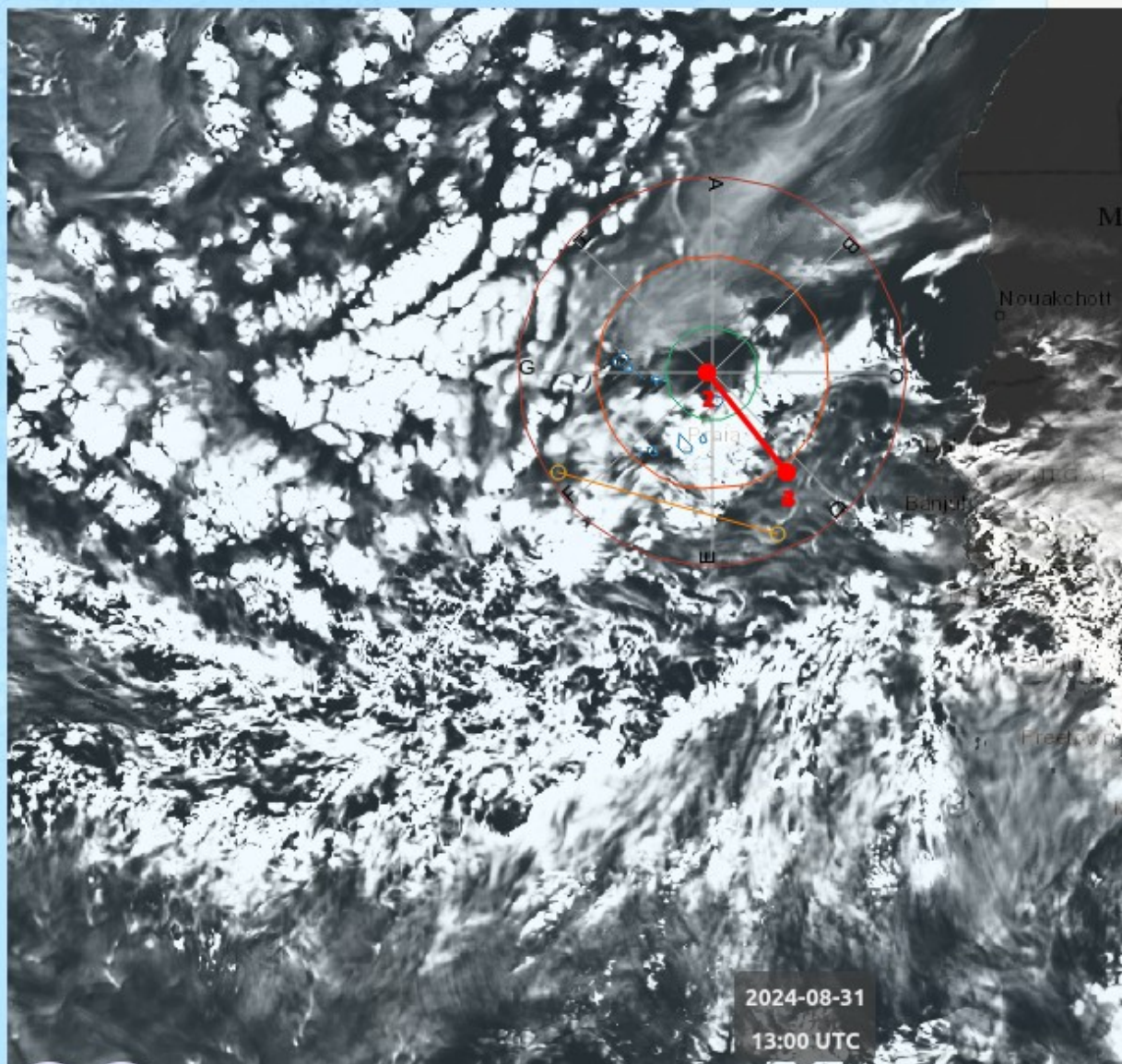


LWC ( $g \cdot kg^{-1}$  ; shading), RWC ( $g \cdot kg^{-1}$  ; black), Iso0 (K ; red),



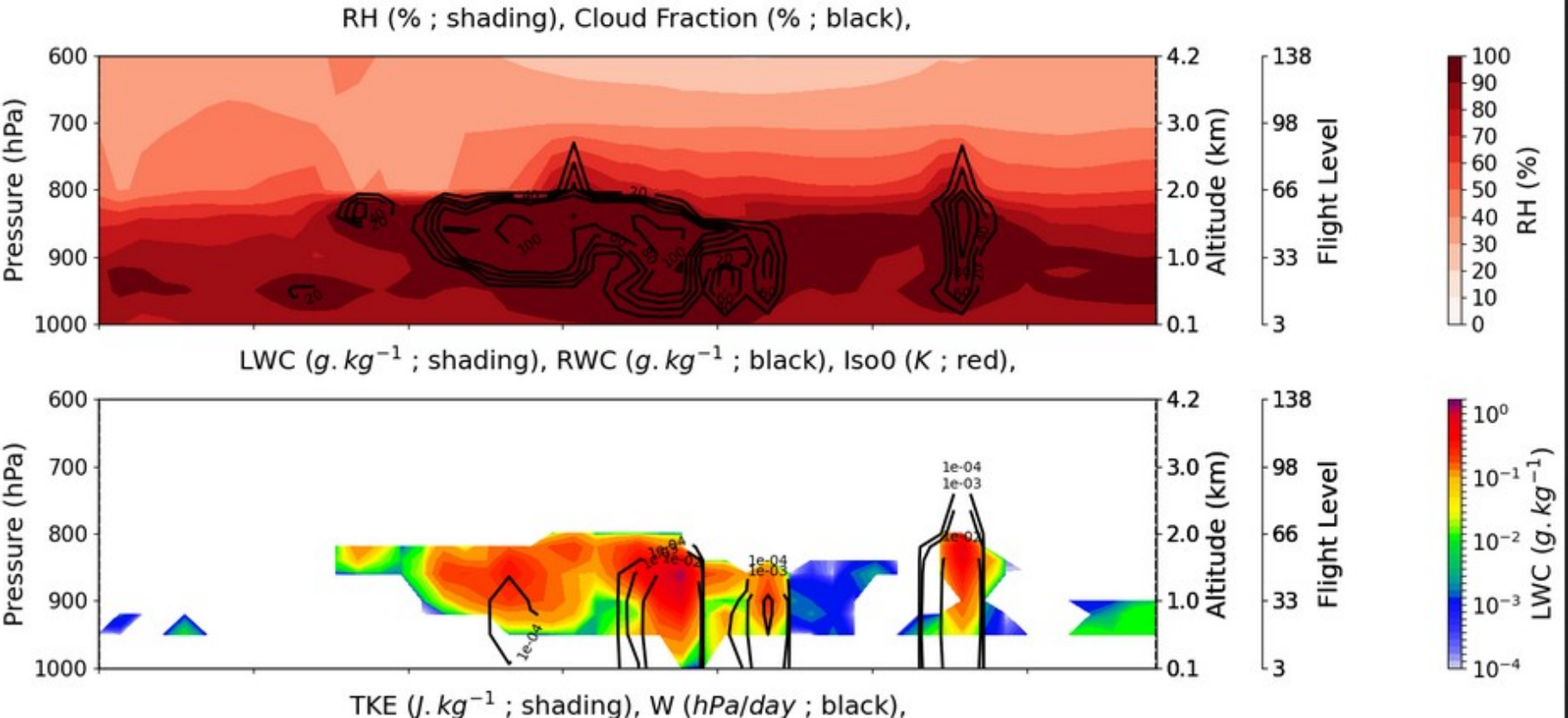
TKE ( $J \cdot kg^{-1}$  ; shading), W ( $hPa/day$  ; black),

Low Cloud  
Cover 31/08  
13Z



Cloud  
Cover 31/08  
13Z

00 UTC +037 | valid : 2024-08-31T13:00:00 UTC,  
coords:



# Summary

**30th August : ligne de convergence – shallow → 3000m**

**31st August : still some shallow (less deep but closer)**

**1st September : seems not favorable any more**

**2nd September : new moister event**