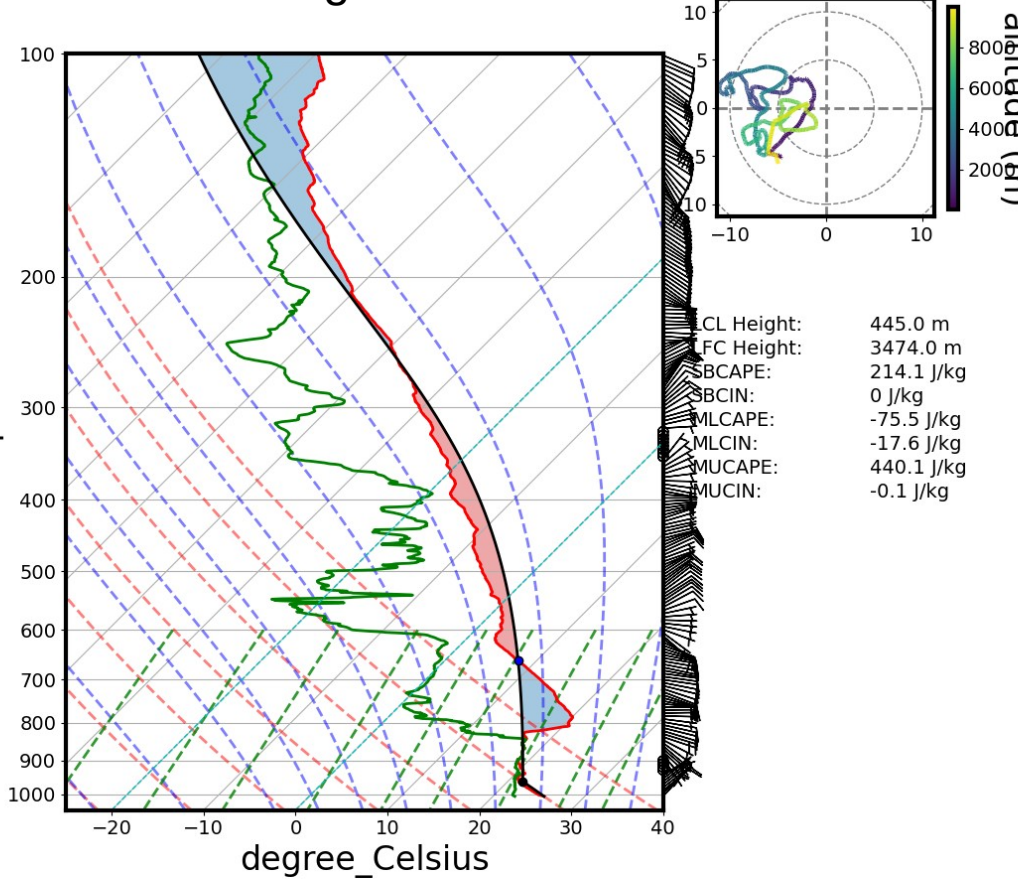


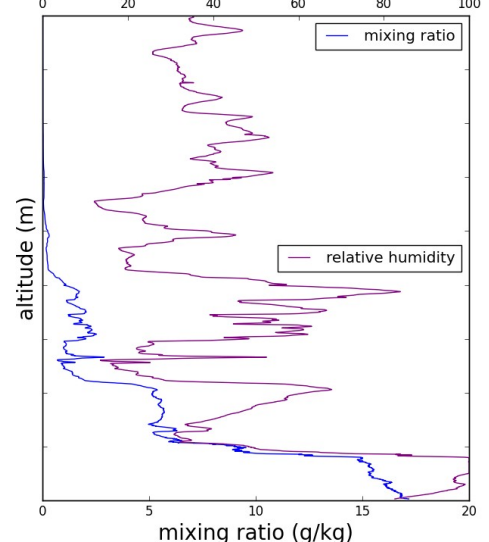
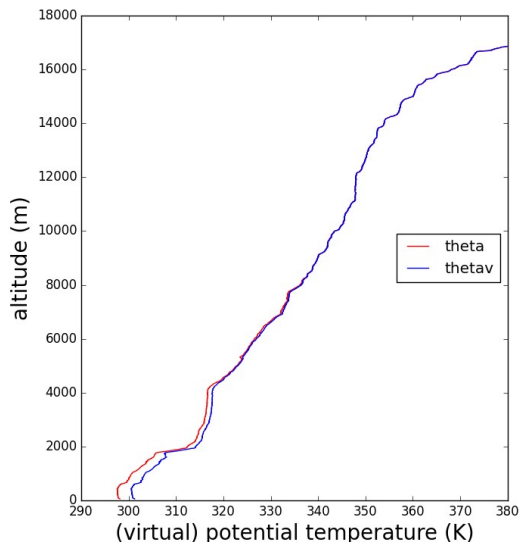
Summary 01/09/2024

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

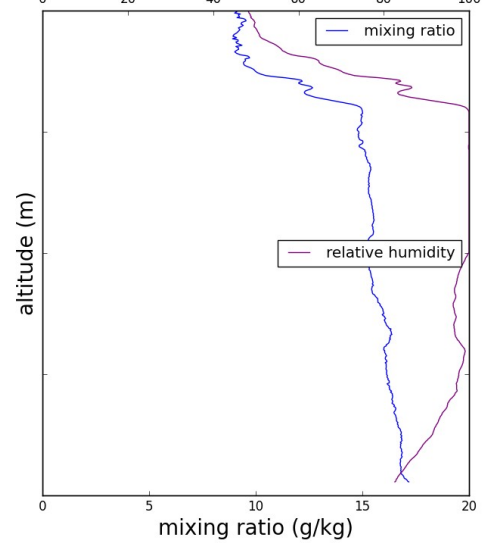
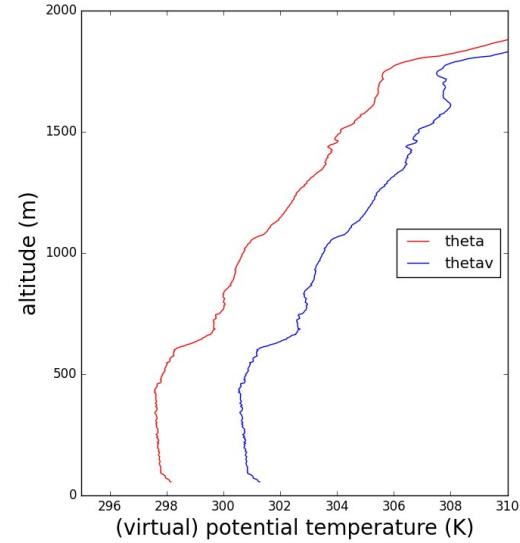
Sounding
 01/09/2024 00Z
 Inversion – nuage 1000-1650m



20240901-2236

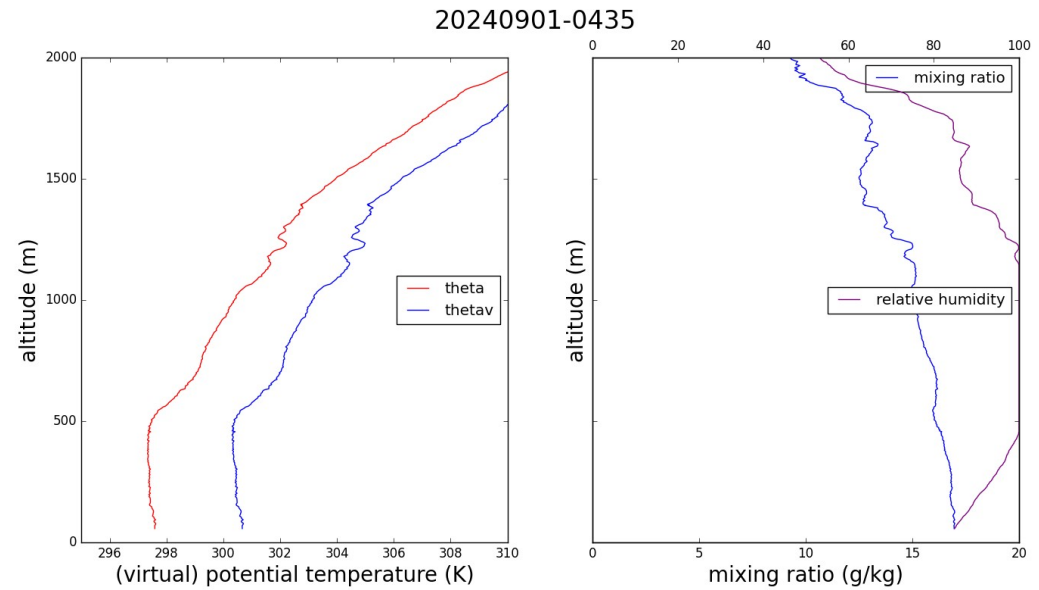
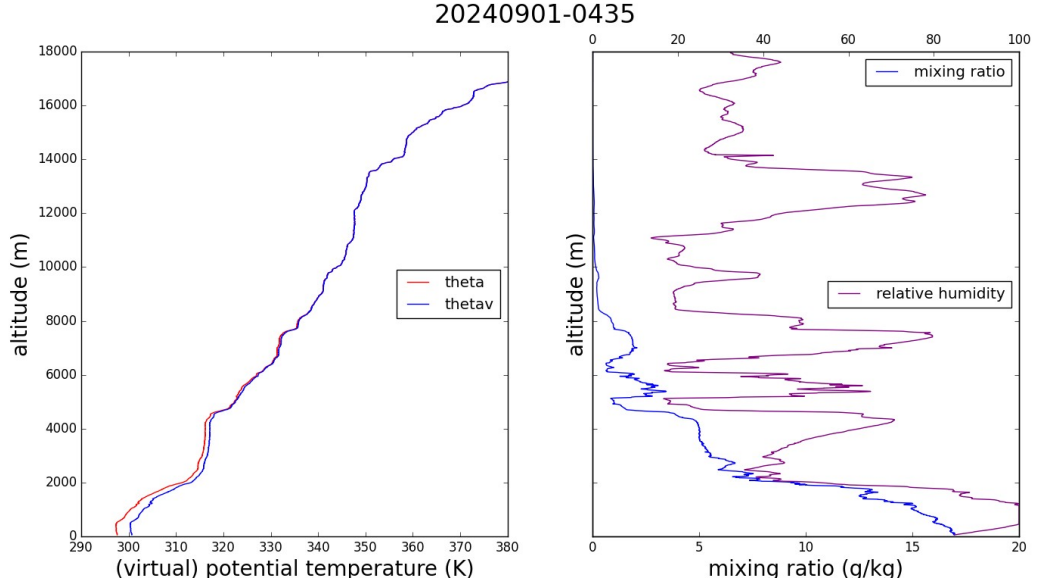
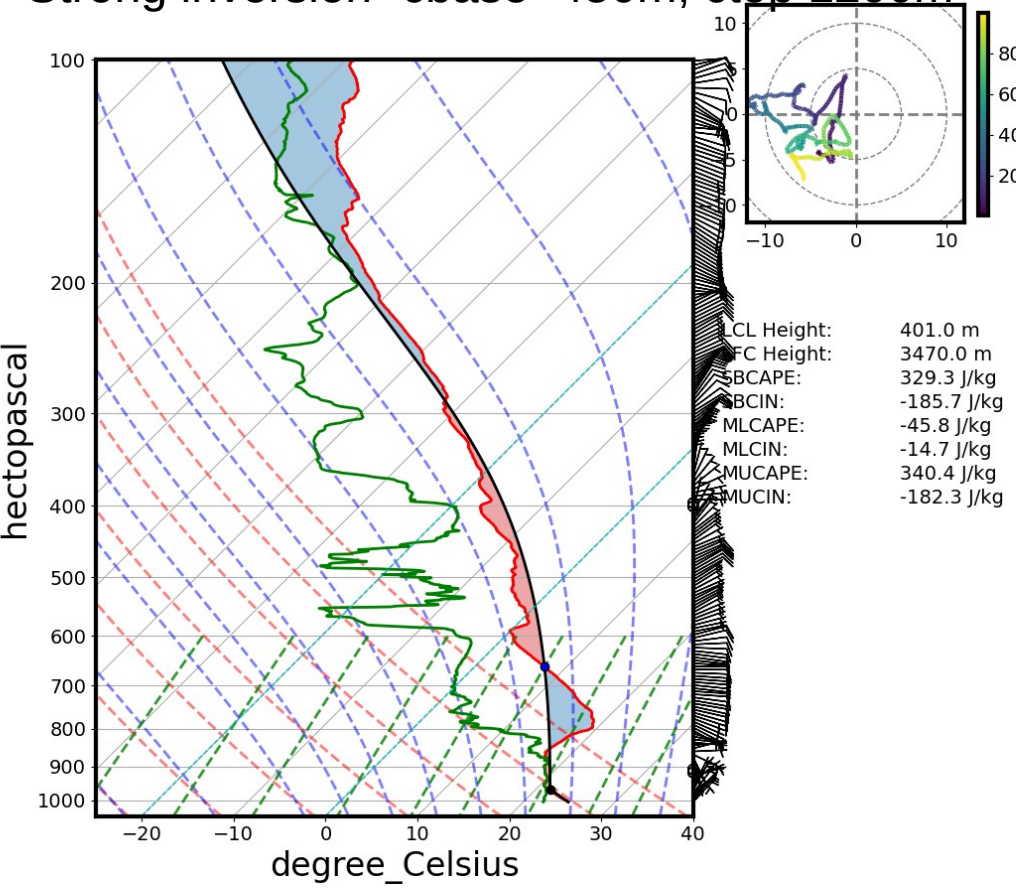


20240901-2236



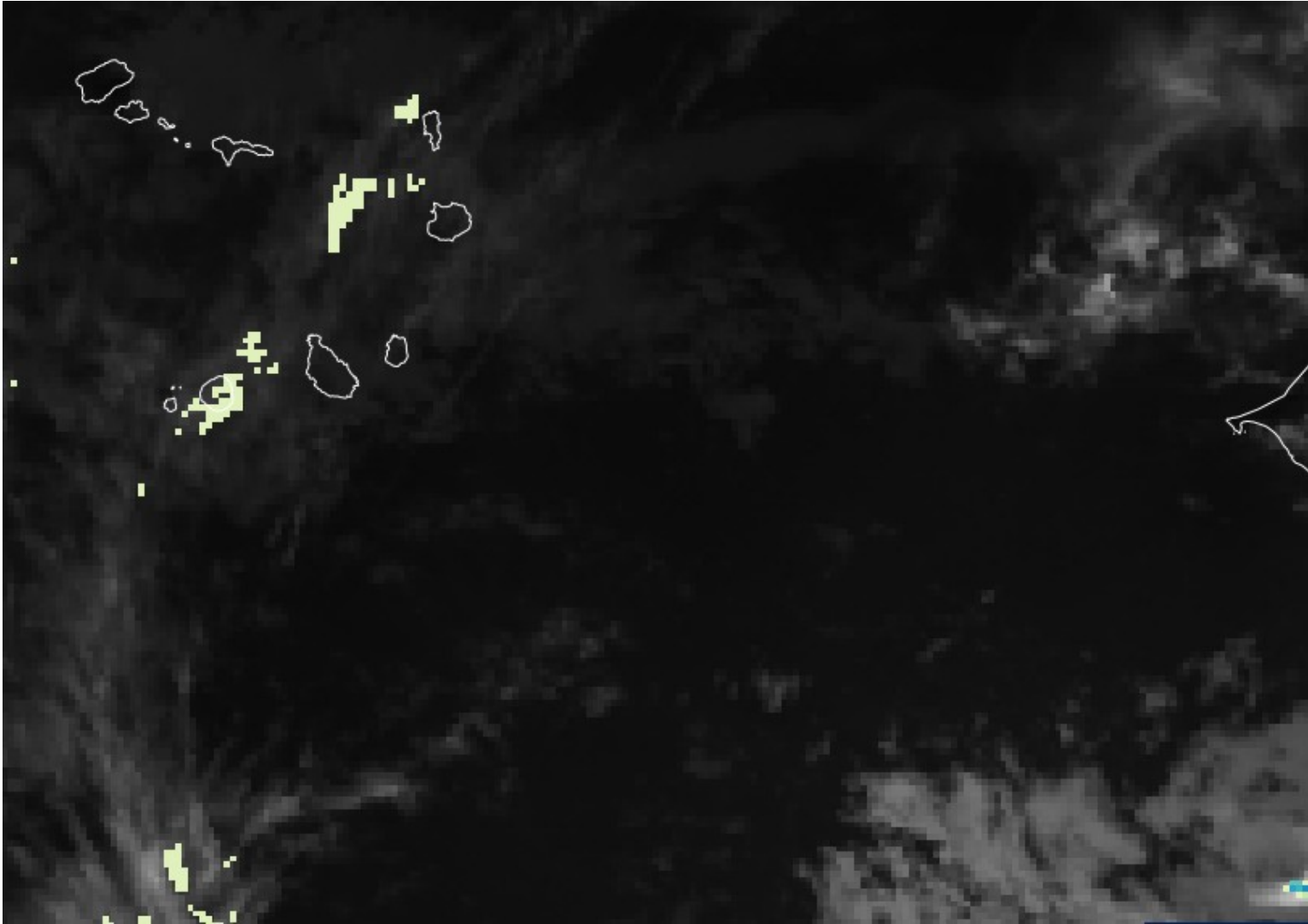
Sounding
01/09/2024 06Z

Strong inversion -cbase~450m, ctop 1200m



Latest

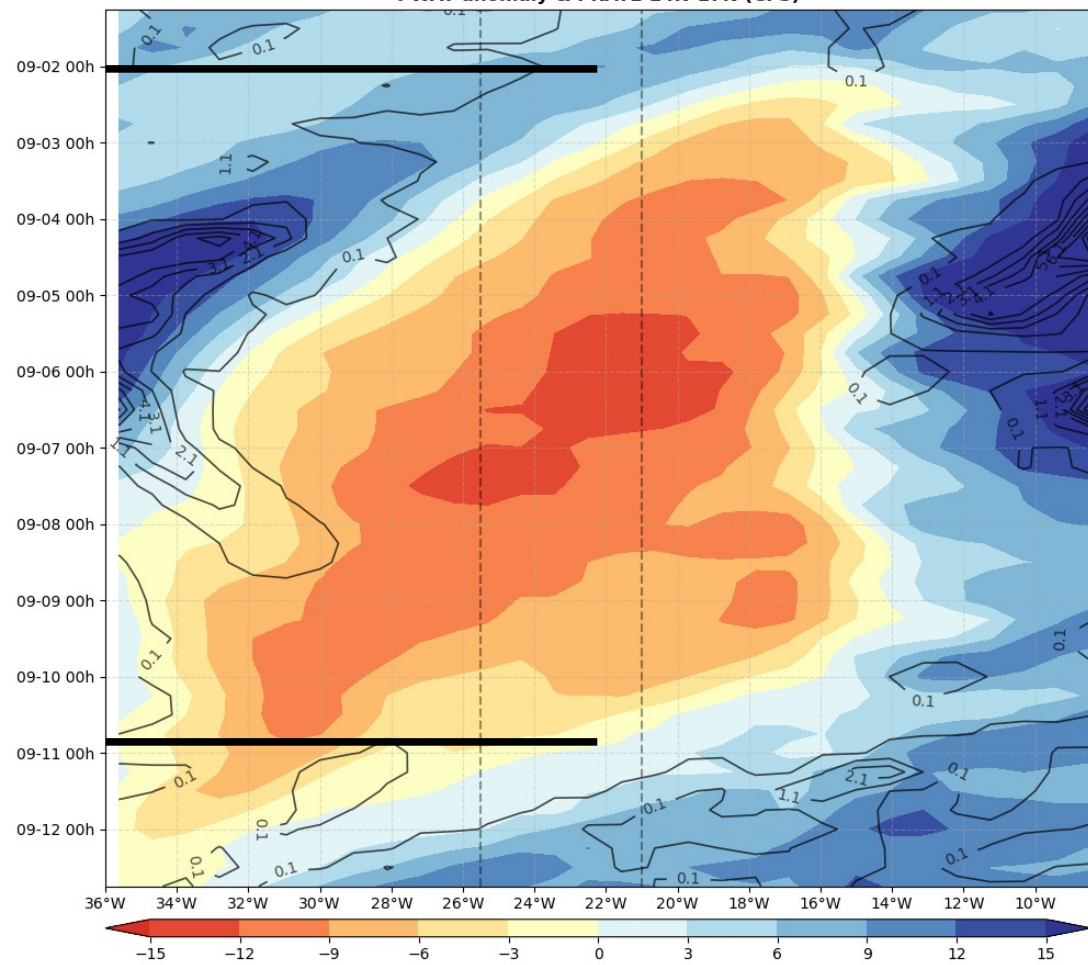
01/09 09Z



Hovmuller
CFS 14-17N

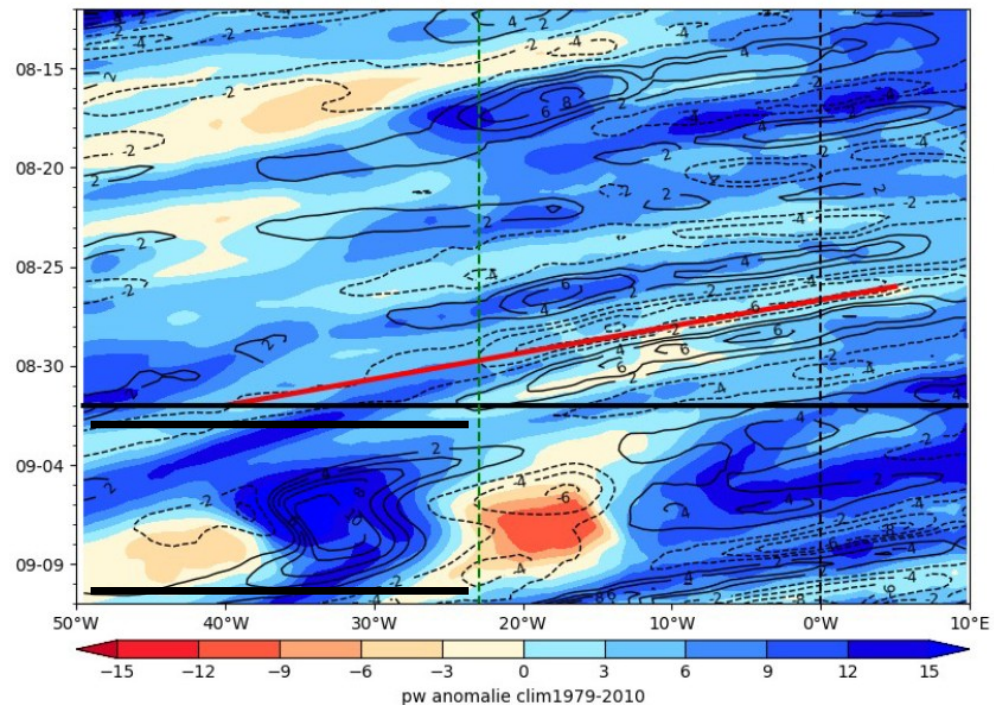
Courtesy Coly

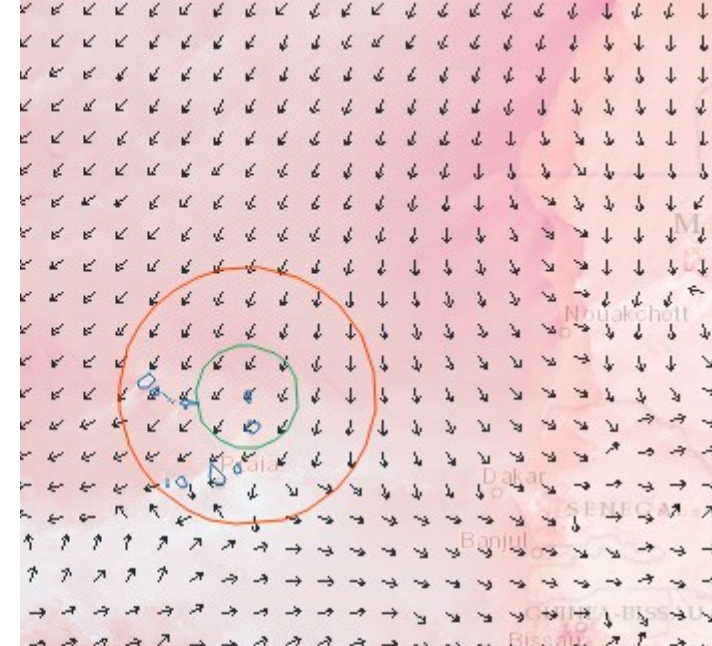
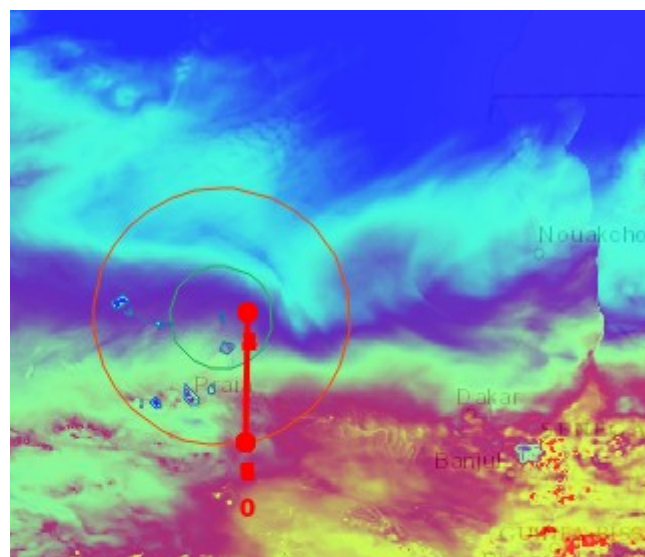
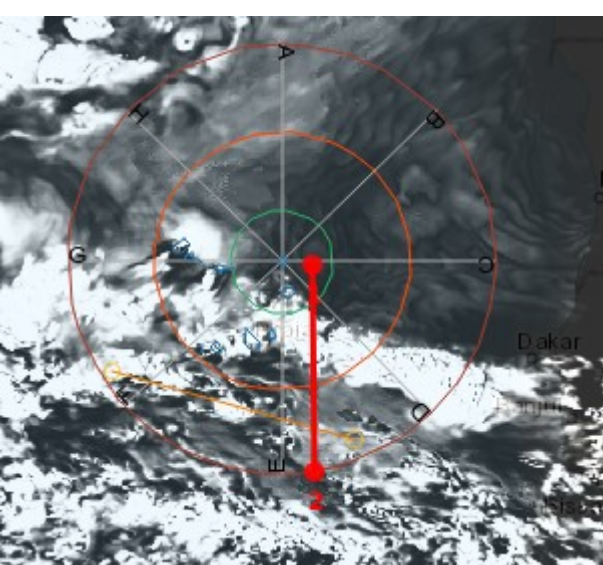
PWAT anomaly & PRATE 14N-17N (CFS)



Hovmuller
ECMWF
10-18N

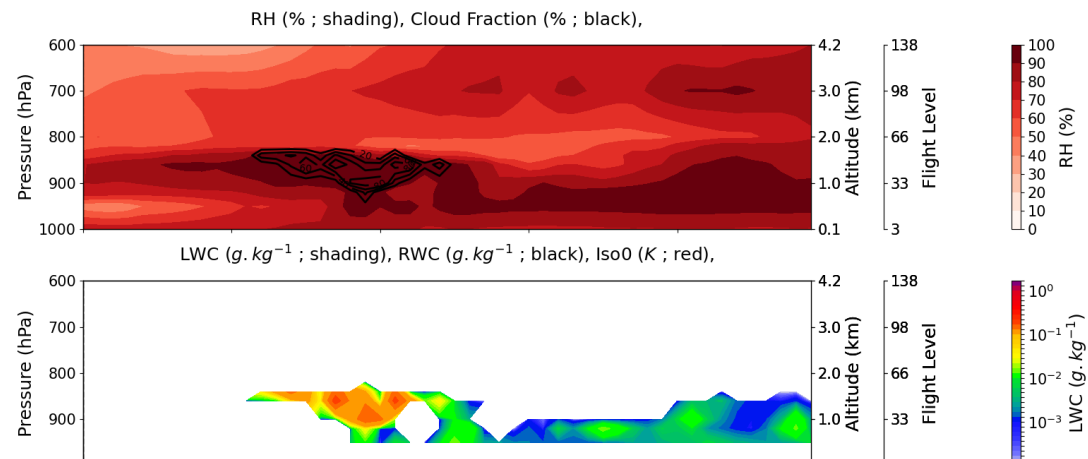
ECMWF PW (color) AND V at 925 hPa 2024-09-01

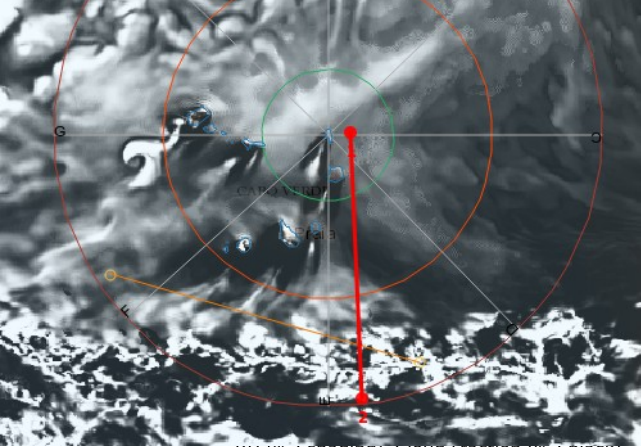




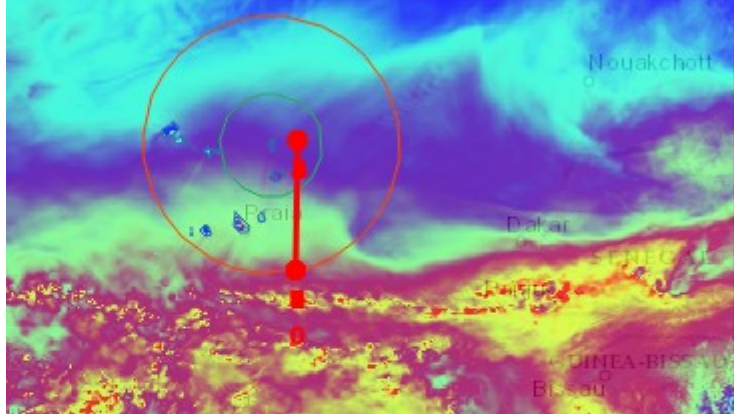
00 UTC T+020 | Valid : 2024-09-01T20:00:00 UTC,
 coords:

Low Cloud Cover at 01/09 20Z





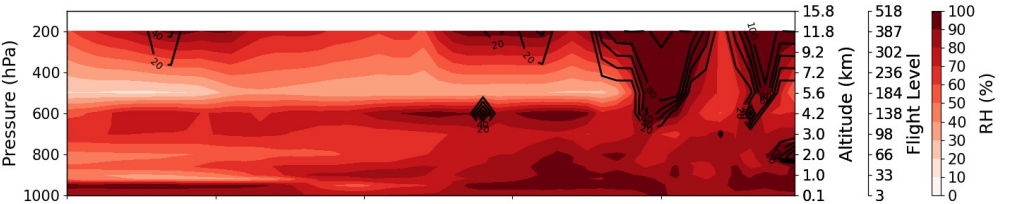
KH (%) ; shading), Cloud Fraction (%) ; black),



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



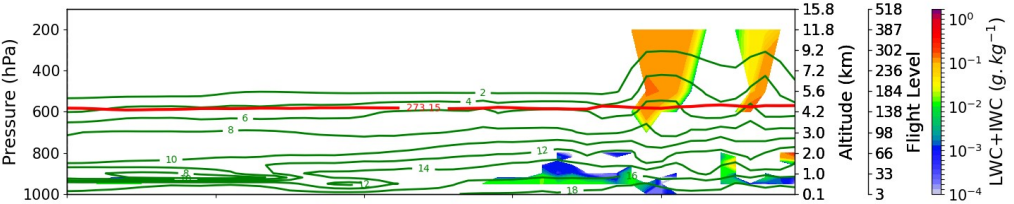
02/09 13Z



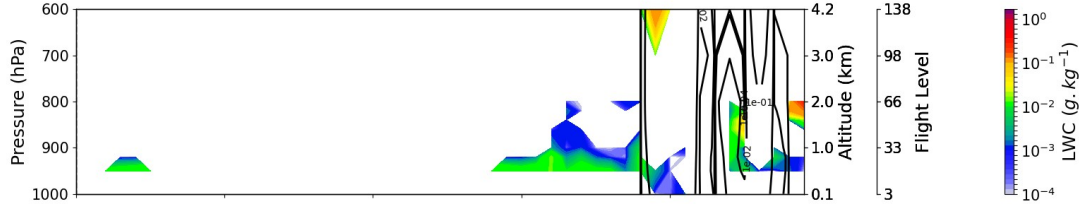
LWC+IWC ($g \cdot kg^{-1}$; shading), Mixing ratio (%) ; green), Iso0 (K ; red),



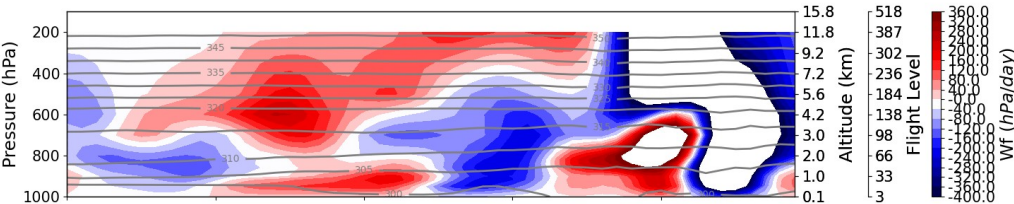
LWC ($g \cdot kg^{-1}$; shading), RWC ($g \cdot kg^{-1}$; black), Iso0 (K ; red),



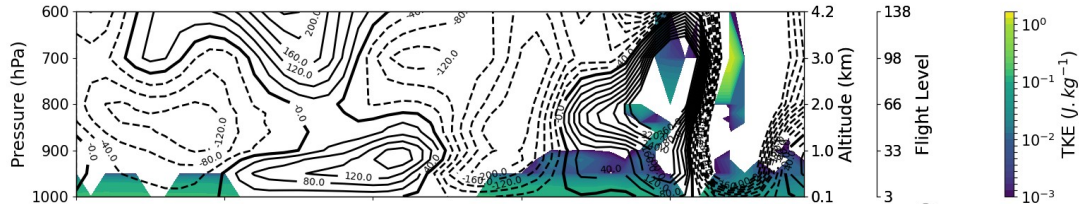
Wf (hPa/day ; shading), Theta (K ; grey),



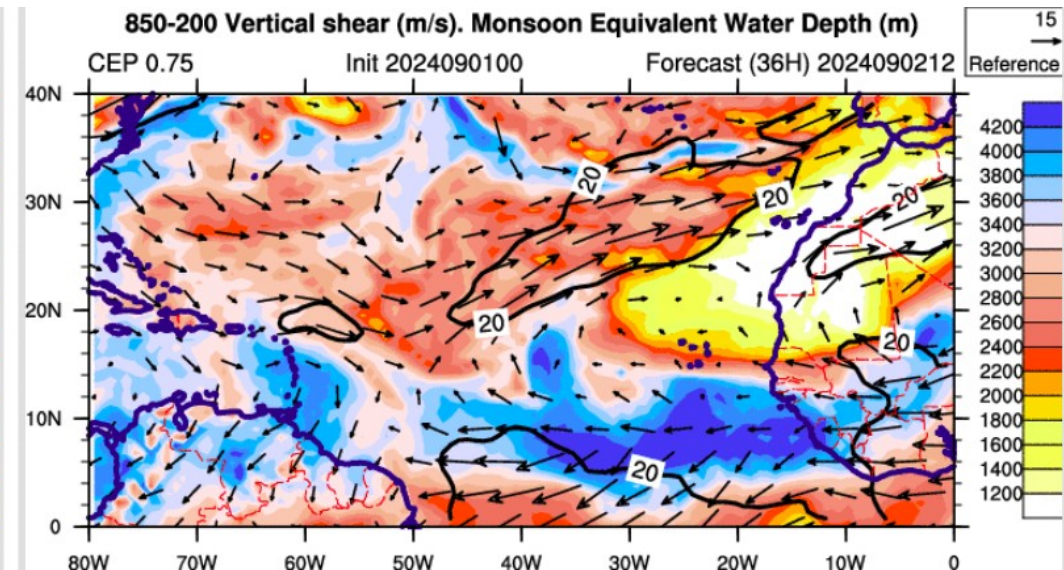
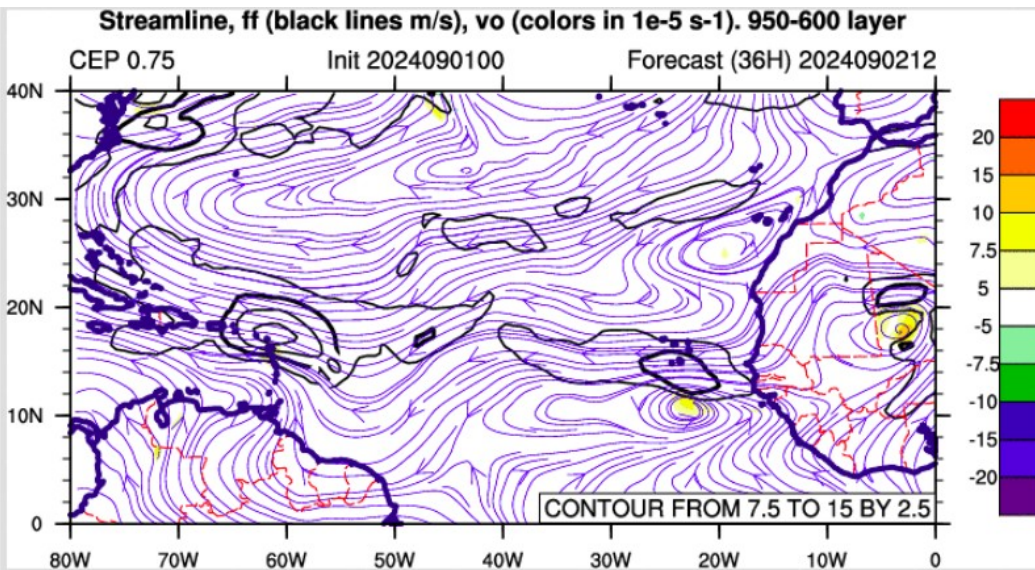
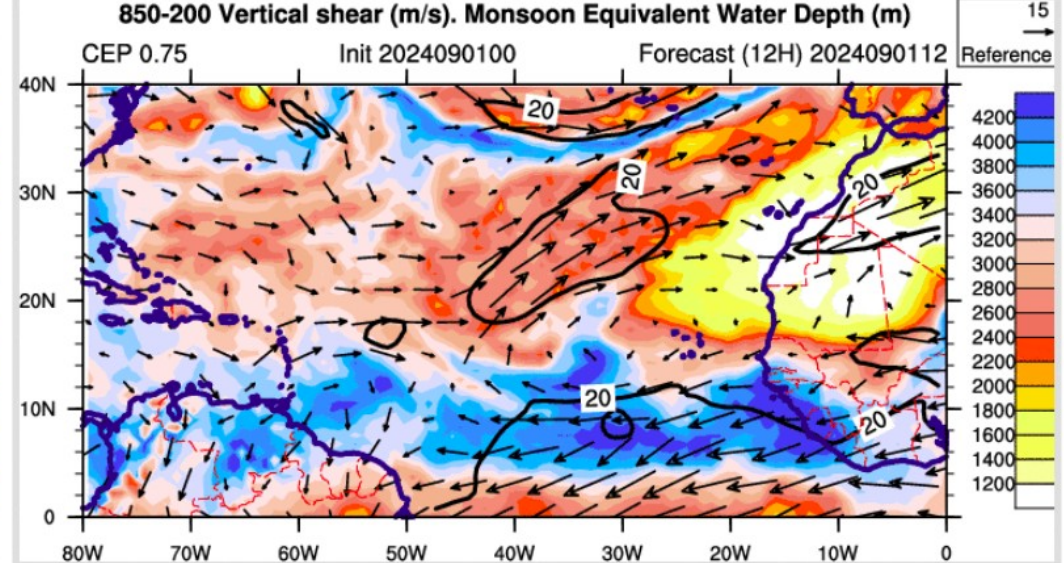
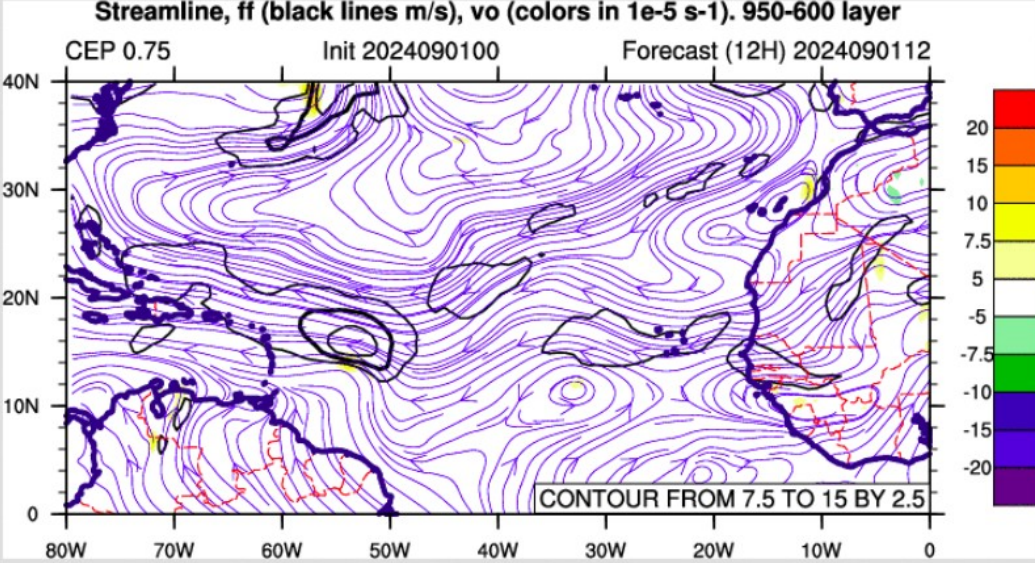
TKE ($J \cdot kg^{-1}$; shading), W (hPa/day ; black),

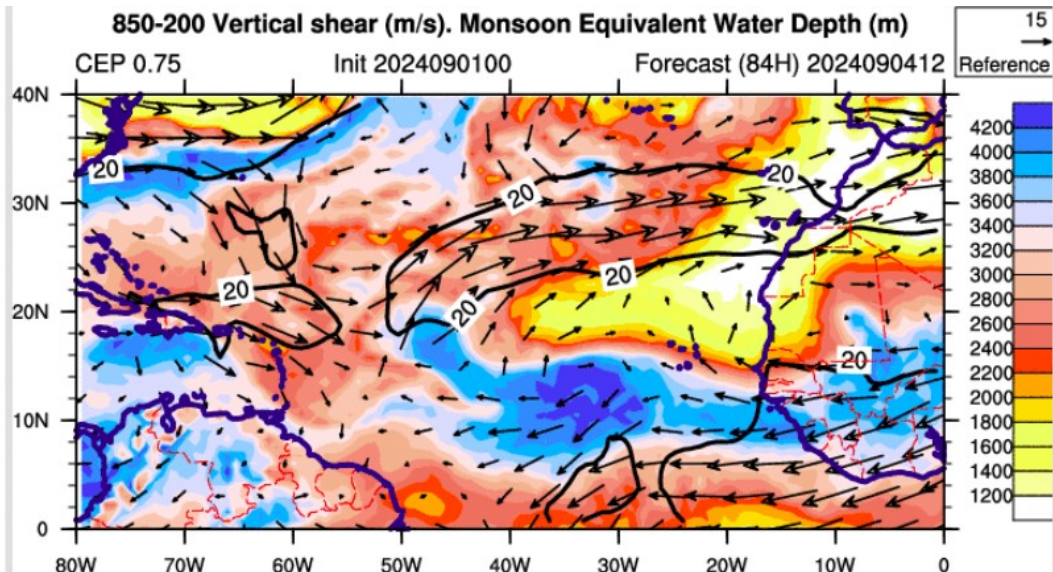
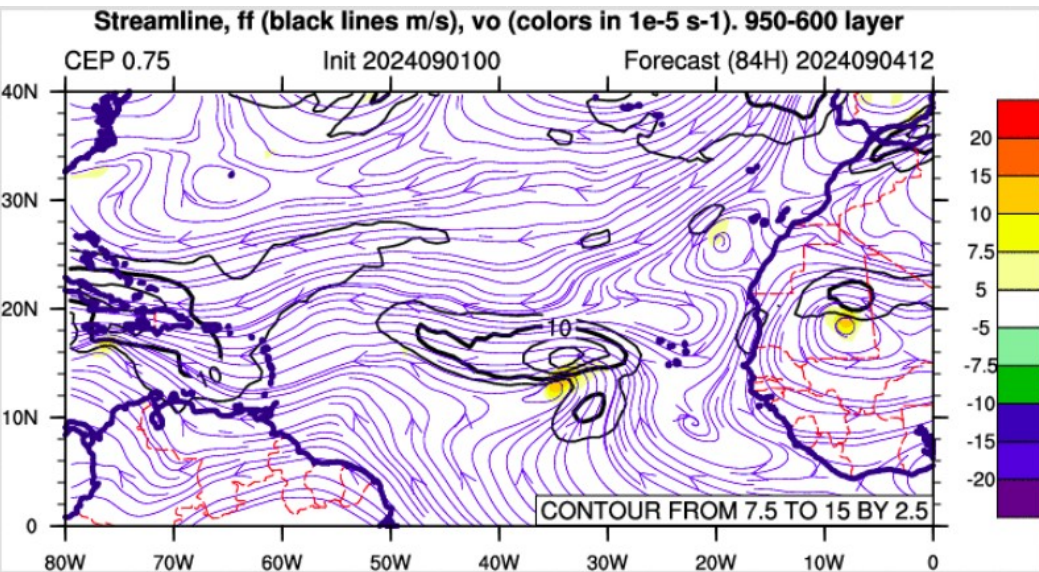
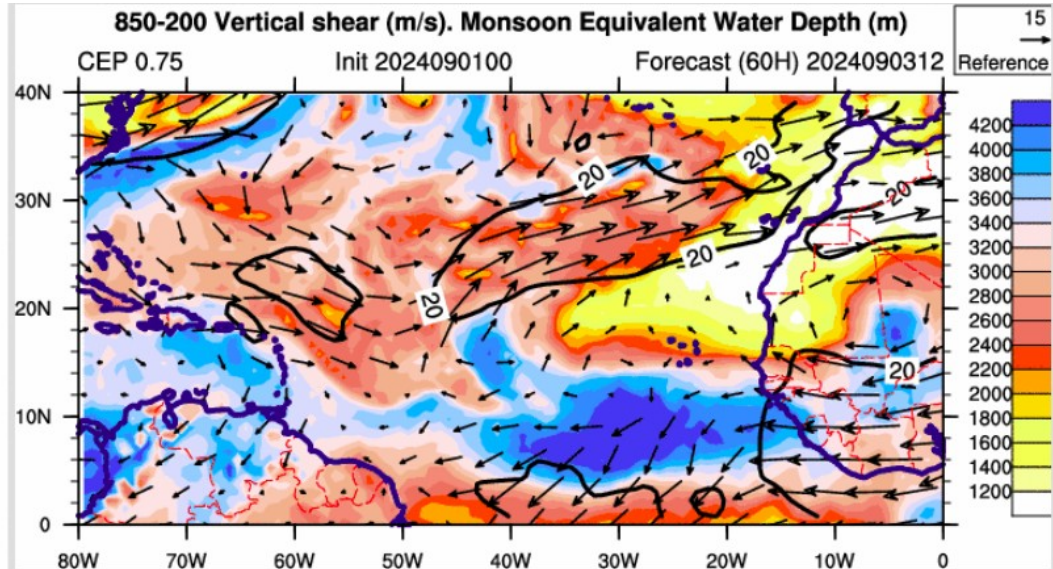
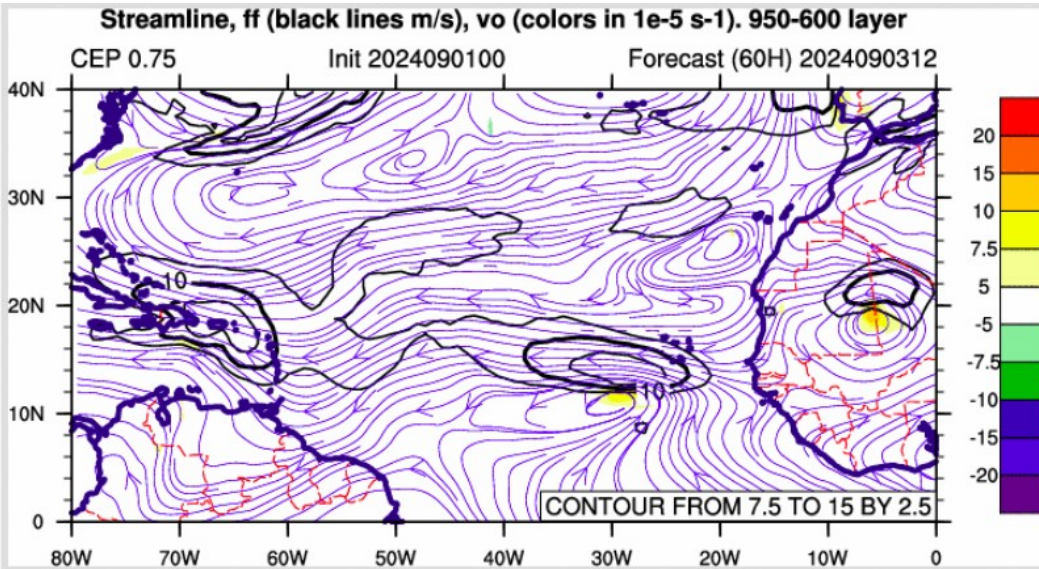


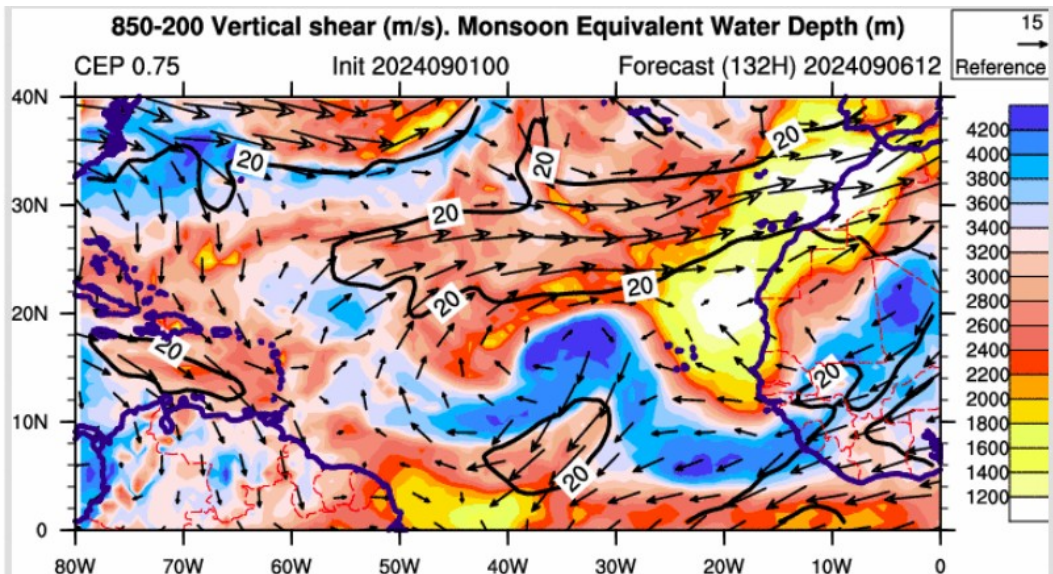
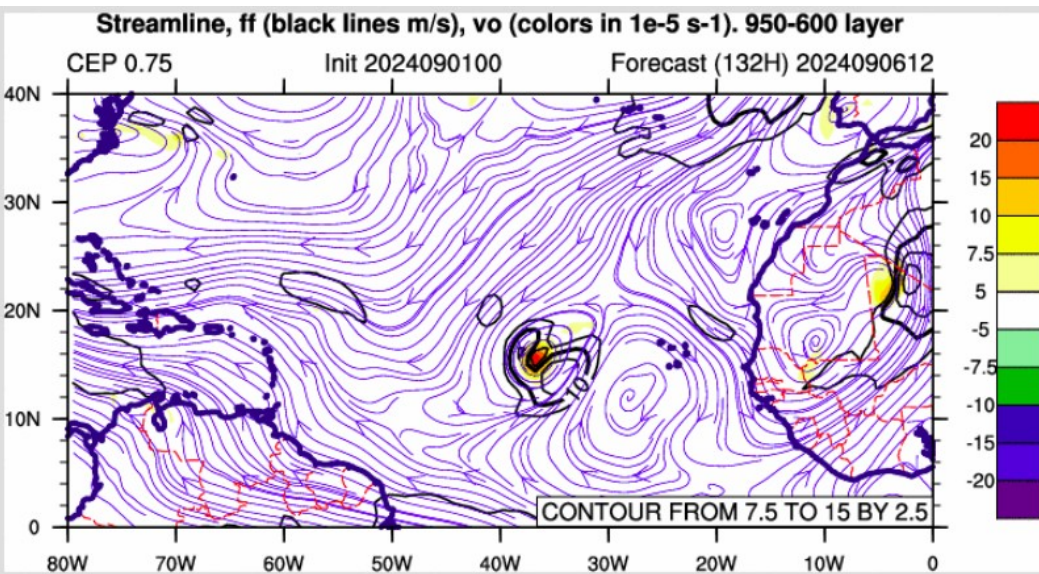
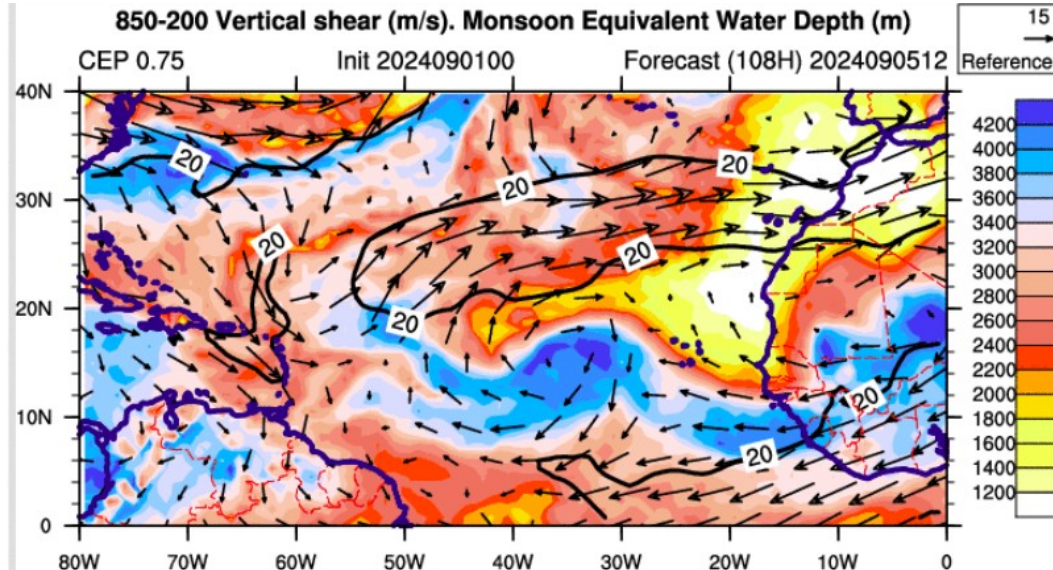
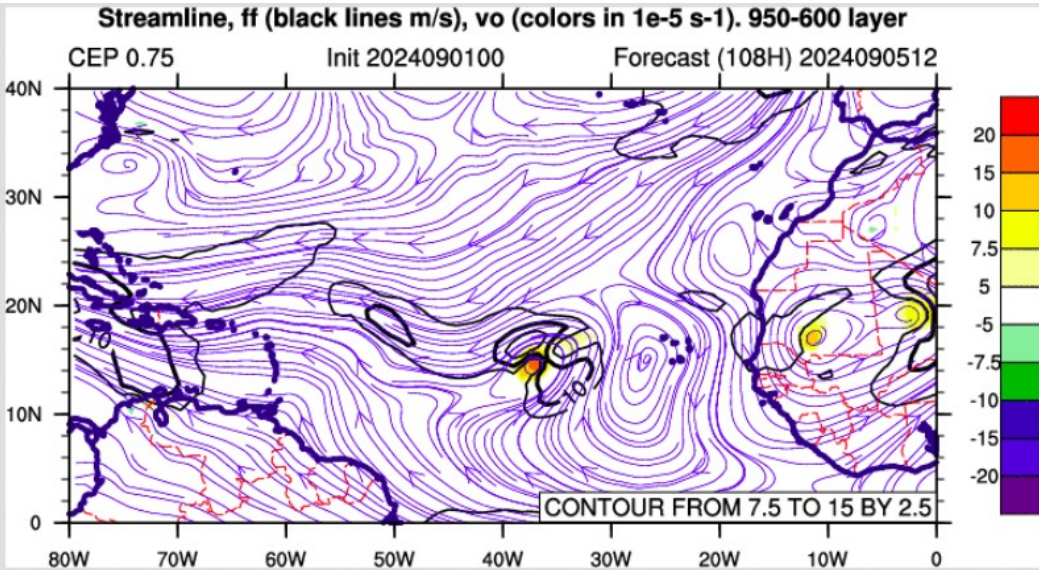
er height, Cloud base height, Average Mixing ratio, Average mixed layer height, Cloud base height, avTheta

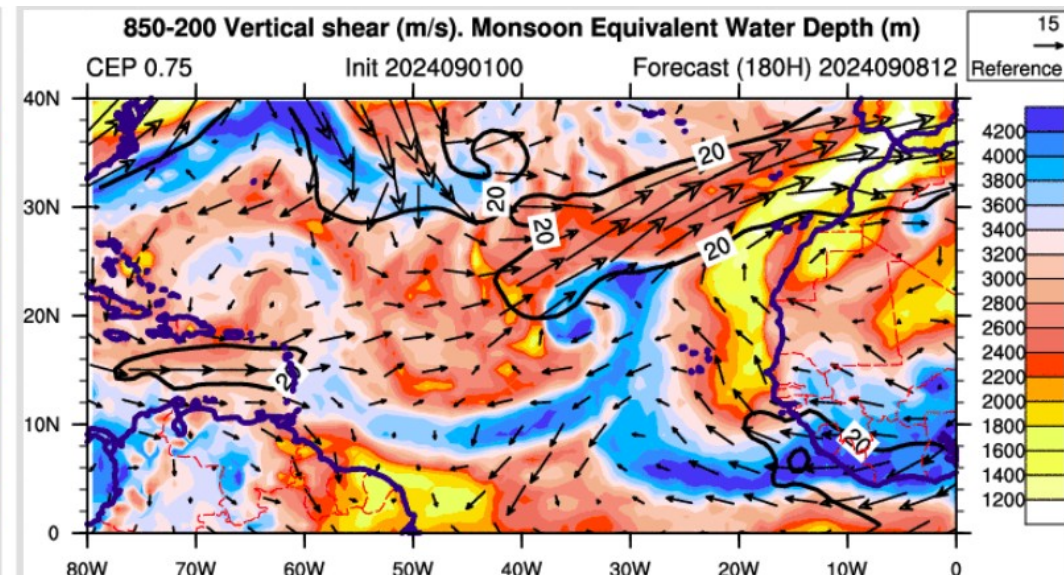
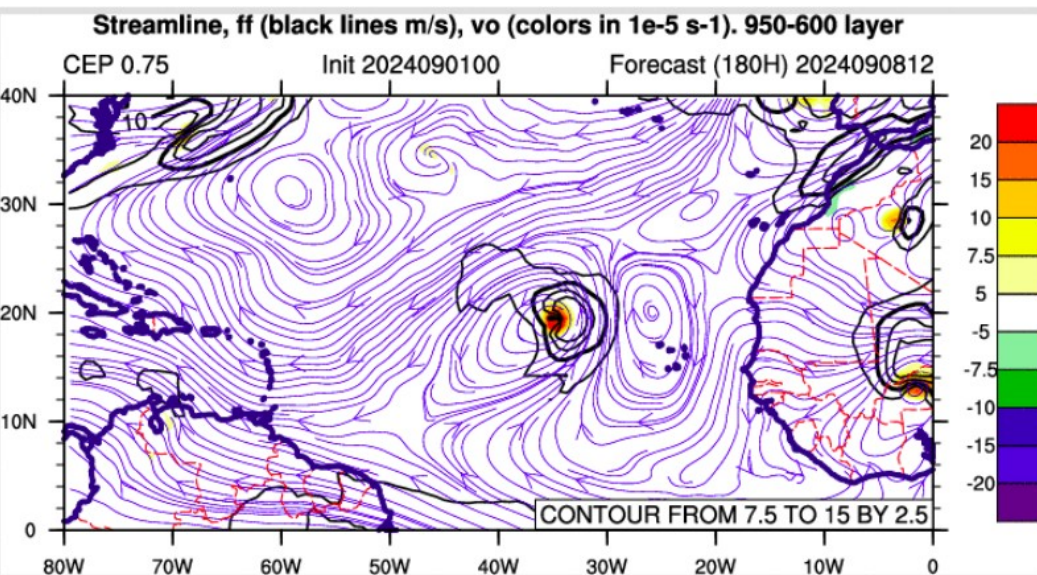
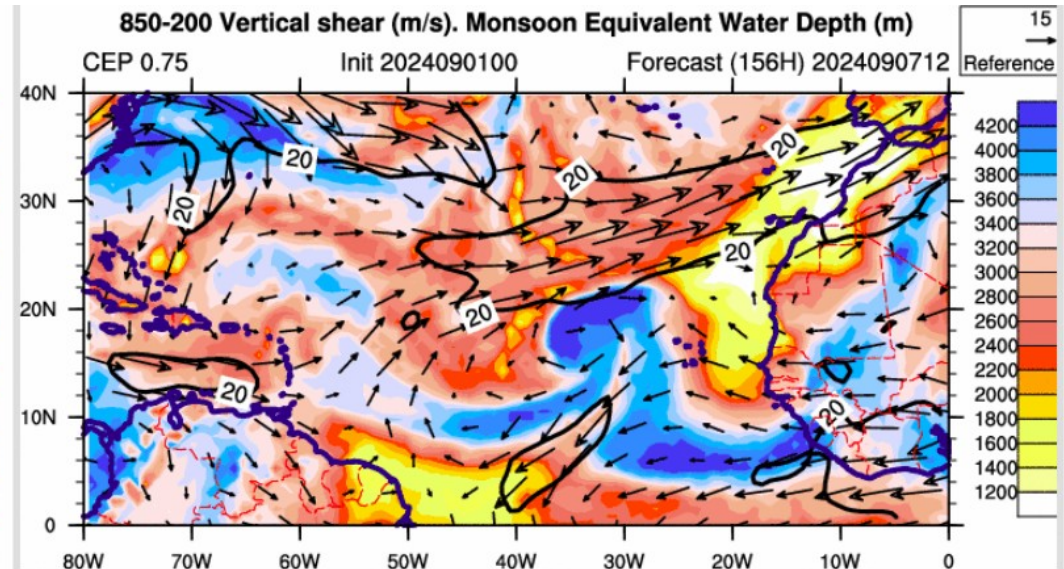
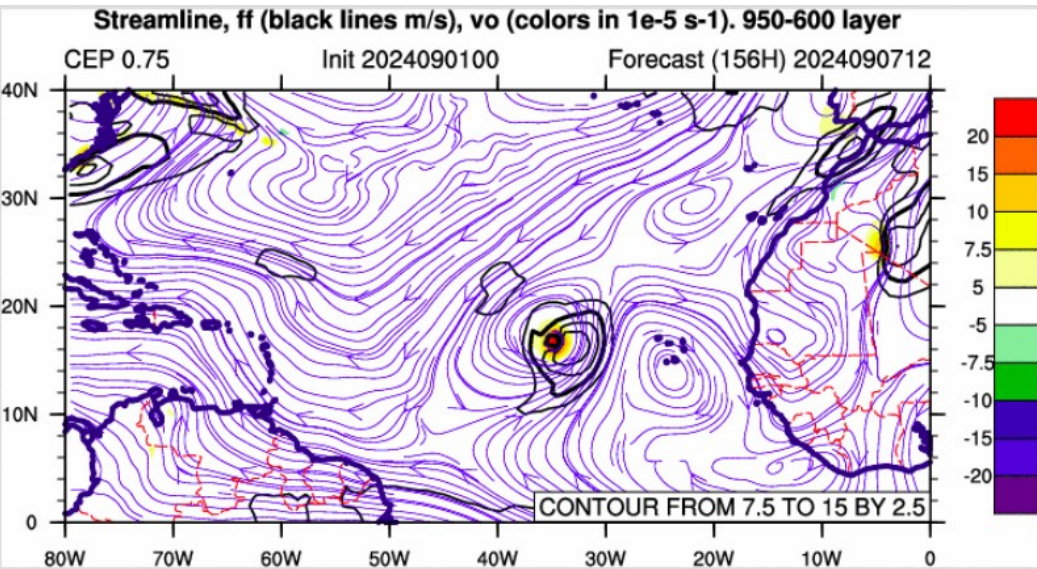


Omega500, Omega800, Surface pressure anomaly, Surface precip rate

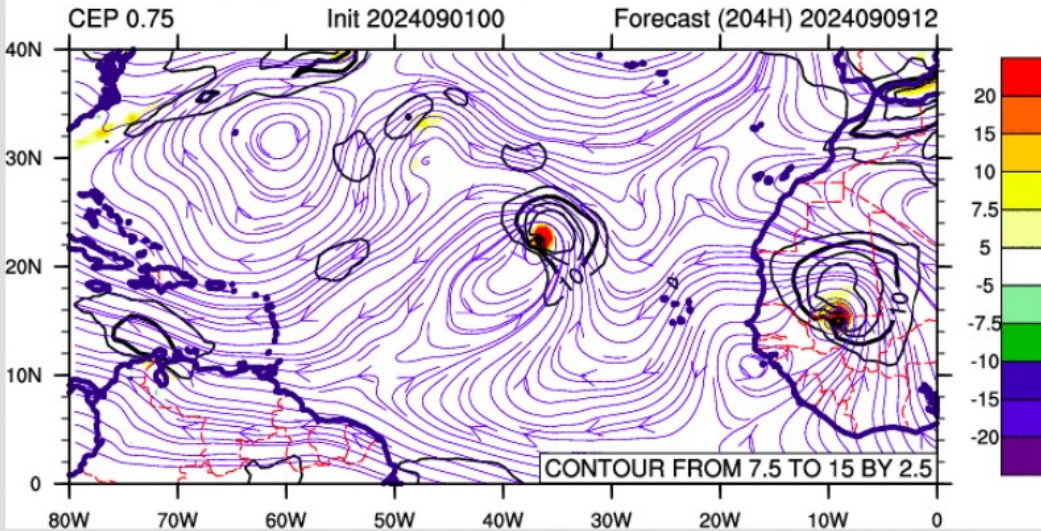




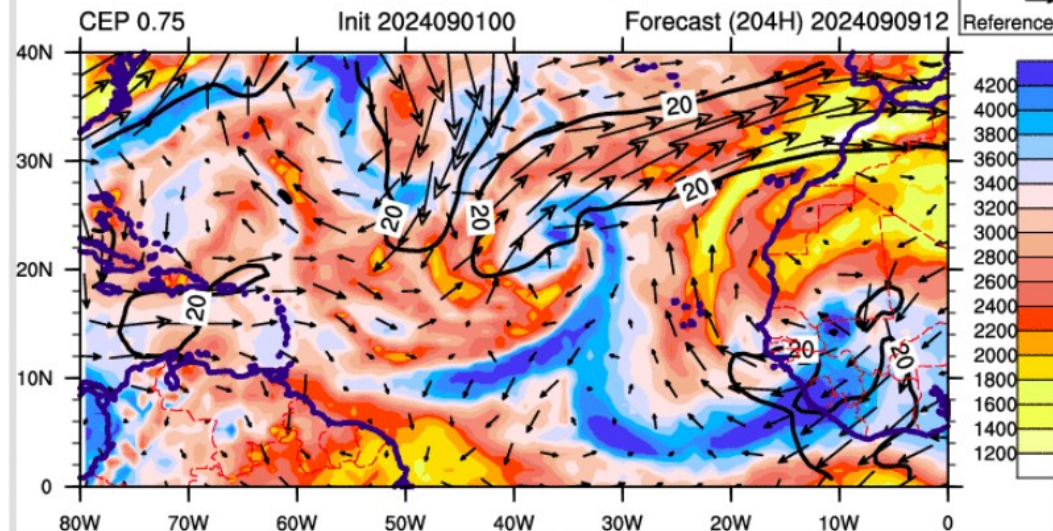




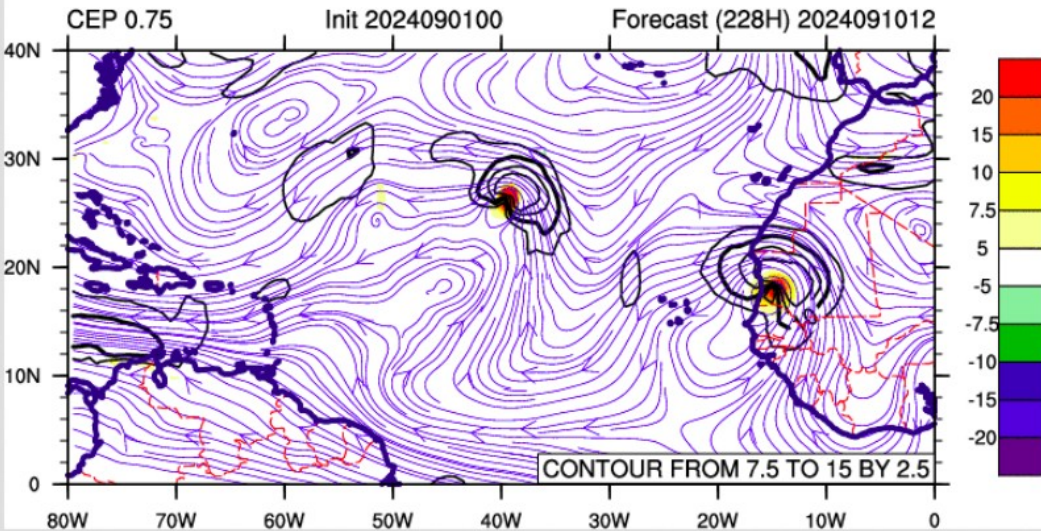
Streamline, ff (black lines m/s), vo (colors in $1e-5$ s $^{-1}$). 950-600 layer



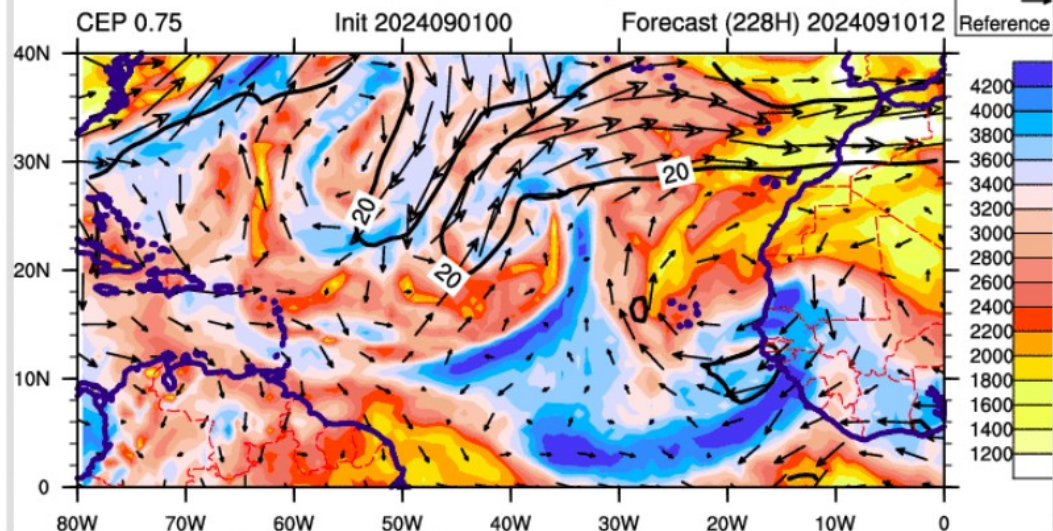
850-200 Vertical shear (m/s). Monsoon Equivalent Water Depth (m)



Streamline, ff (black lines m/s), vo (colors in $1e-5$ s $^{-1}$). 950-600 layer



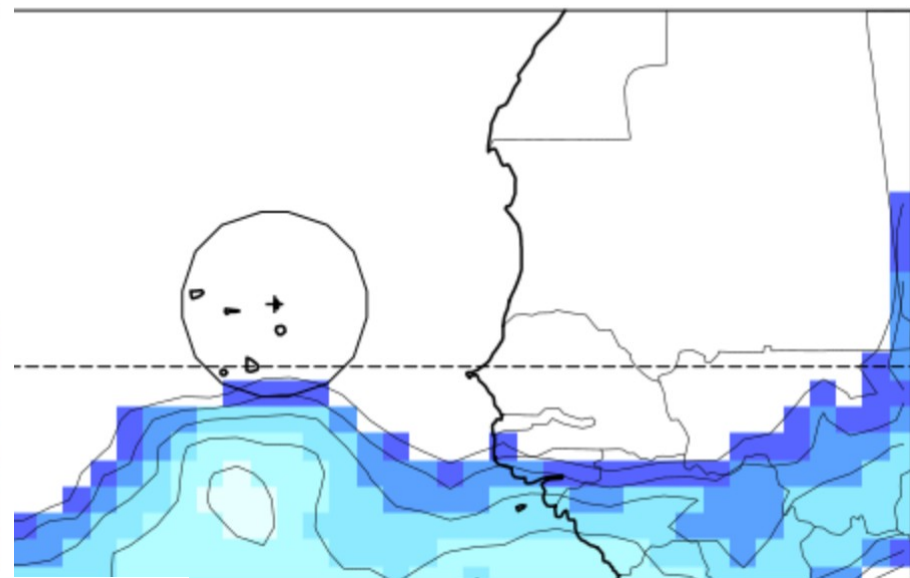
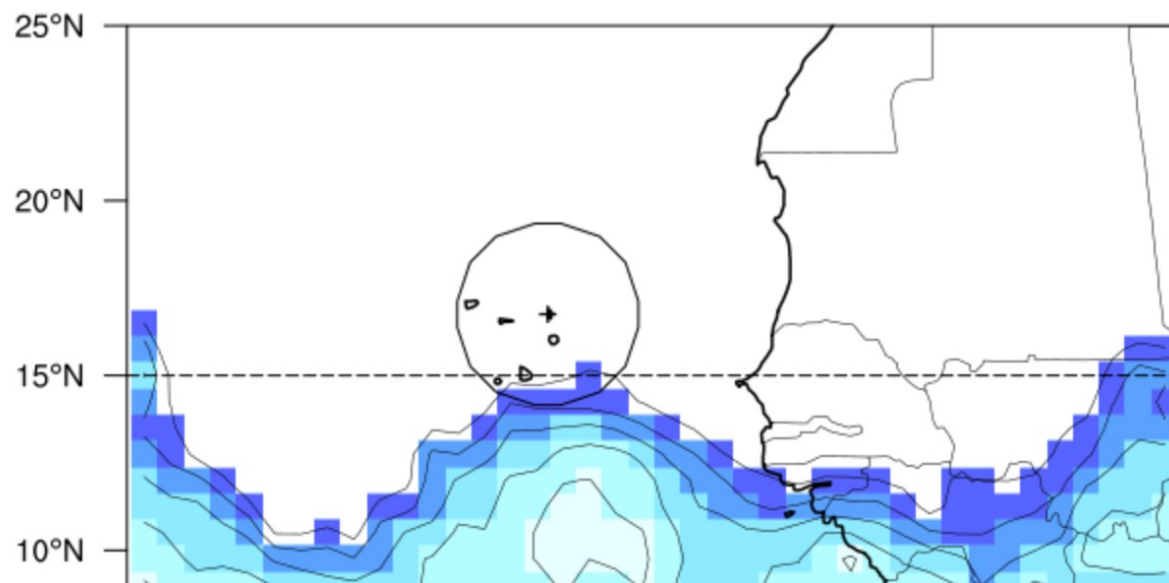
850-200 Vertical shear (m/s). Monsoon Equivalent Water Depth (m)



800-600 hPa avg Rel. Hum

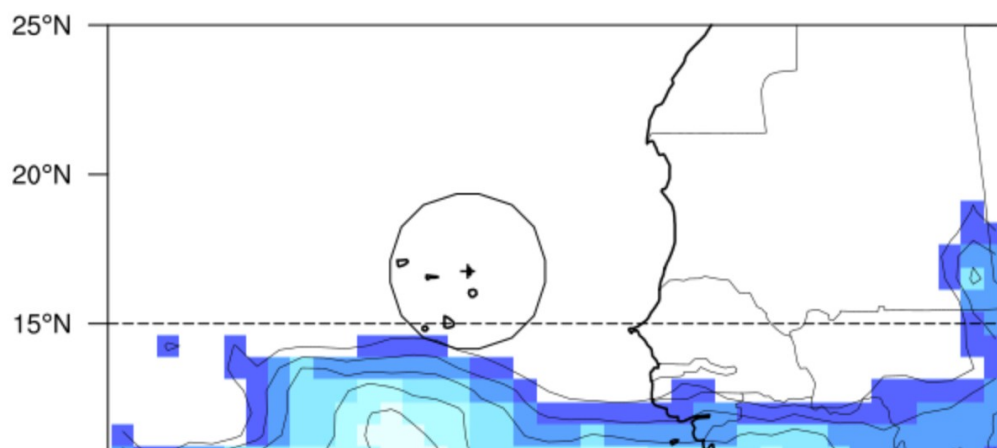
Forecast : 2024090206 'a avg Rel. Hum

Forecast : 2024090212



800-600 hPa avg Rel. Hum

Forecast : 2024090218



Summary

1st September : shallow clouds, cv line at the South

2nd September : maybe some more deep clouds but really South (> 300km)

3-8 September : dry period