



RÉPUBLIQUE  
FRANÇAISE

*Liberté  
Égalité  
Fraternité*



# Updates since the last meeting Météo France



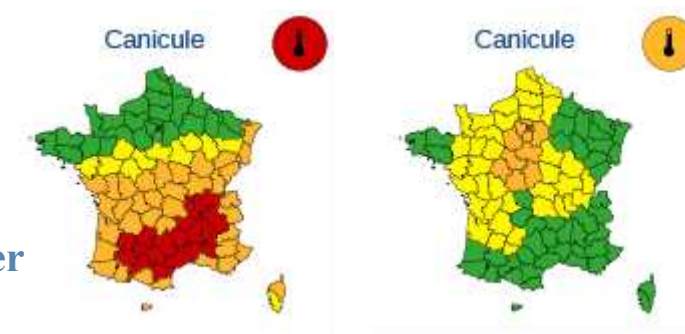
Bruno Gillet-Chaulet

[bruno.gillet-chaulet@meteo.fr](mailto:bruno.gillet-chaulet@meteo.fr)

28th Annual Meeting WGCEF, 27th/28th September 2023

---

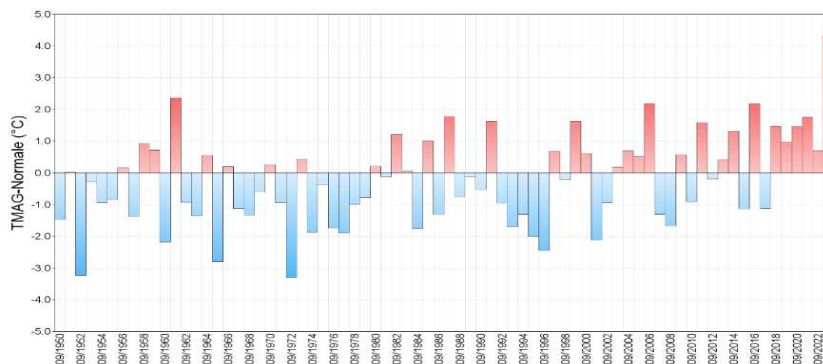
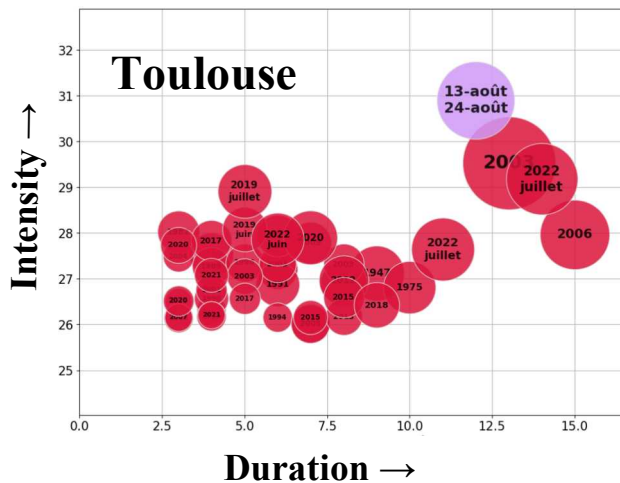
# - Extreme Weather Events



August 23

September 10

## \* The Latest Heat Waves on Record, Late August and September



September monthly anomaly from 1950 to 2023 on September 23

**Acceleration of Climate Change ???**

\* Record Rainfall of nearly 500 mm in 12 hours →

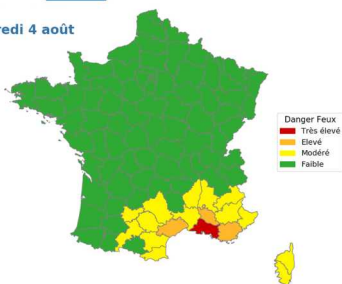


September 16

## - New "Forest Fires" Production

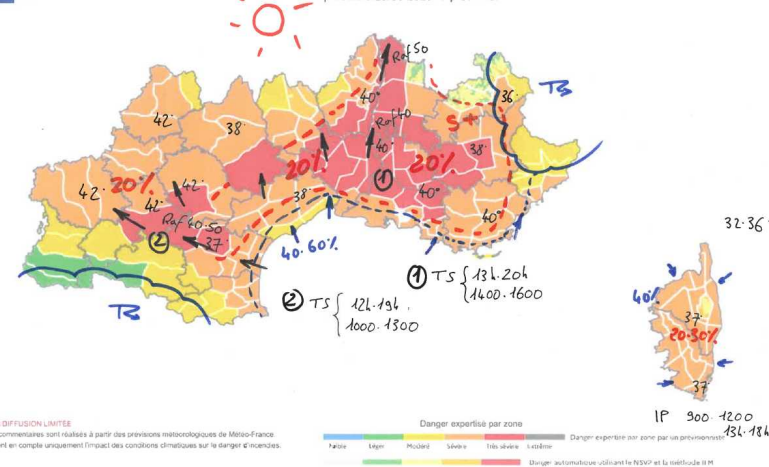
\* Automated Daily map for D and D+1 Similar to "Vigilance" but...

Vendredi 4 août

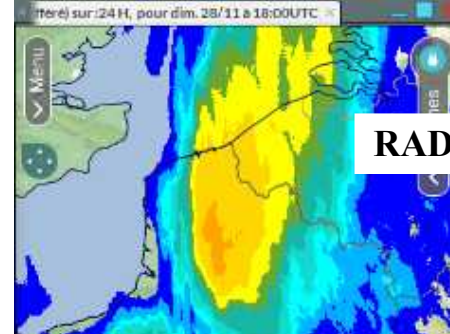


\* Expert production to "pre-position" means → (Mediterranean part)

Consistency ?

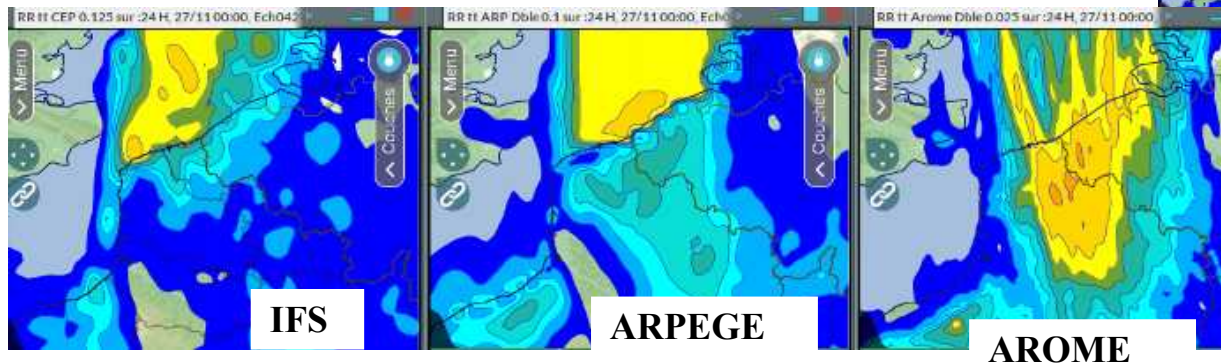


# – Models : Upcoming Changes



RADAR

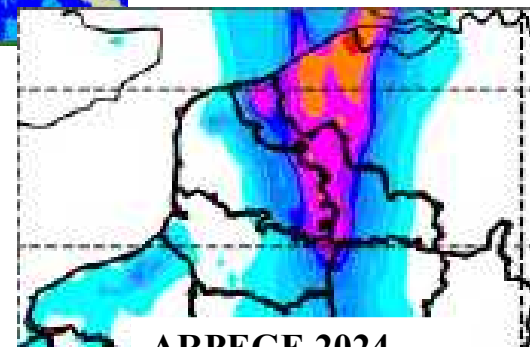
\* Improvement of ARPEGE Convection Scheme : land-sea interface →



IFS

ARPEGE

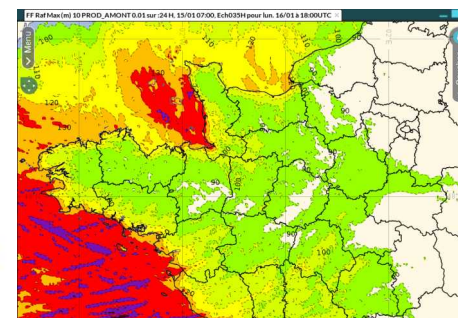
AROME



ARPEGE 2024

– Migration to a new Forecasting Database : October ?

\* Very Soon:  
Automated Production  
Data Base



\* Until Now:  
National Input  
and Local Adjustments

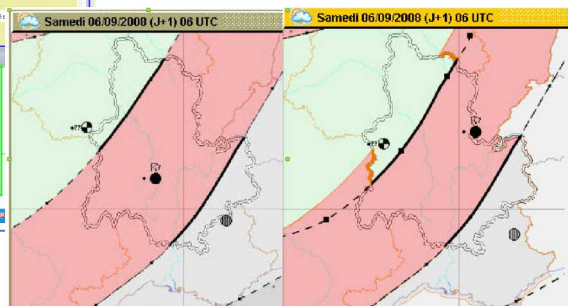


Prévision pour dimanche, 19 février 2012

Choix modèles

|          |        |
|----------|--------|
| FRONT    | ARPEGE |
| TEMP     | ARPEGE |
| PRECIP   | ARPEGE |
| STRAT    | ARPEGE |
| MOUL     | ARPEGE |
| MOUL Mod | ARPEGE |
| MOUL AdM | ARPEGE |

Commentaire



Will of Consistency!  
Possibility of Correction  
If Necessary →

