



**METEO  
FRANCE**

# GPC Toulouse

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# GPC production dissemination

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- Since 31 August 2018, the new GPC model is **Meteo-France System 6 (MF-S6)** ⇒ available on LC-LRF-MME

- Products are available on **Copernicus Climate Change Service Data Store**

  - Forecasts and Hindcasts





  - Before nov. 2018, Forecast come from ARPEGE System 5. And there are still hindcast data from MF-S5 ⇒ they will be gradually replaced by MF-S6

  - hindcasts





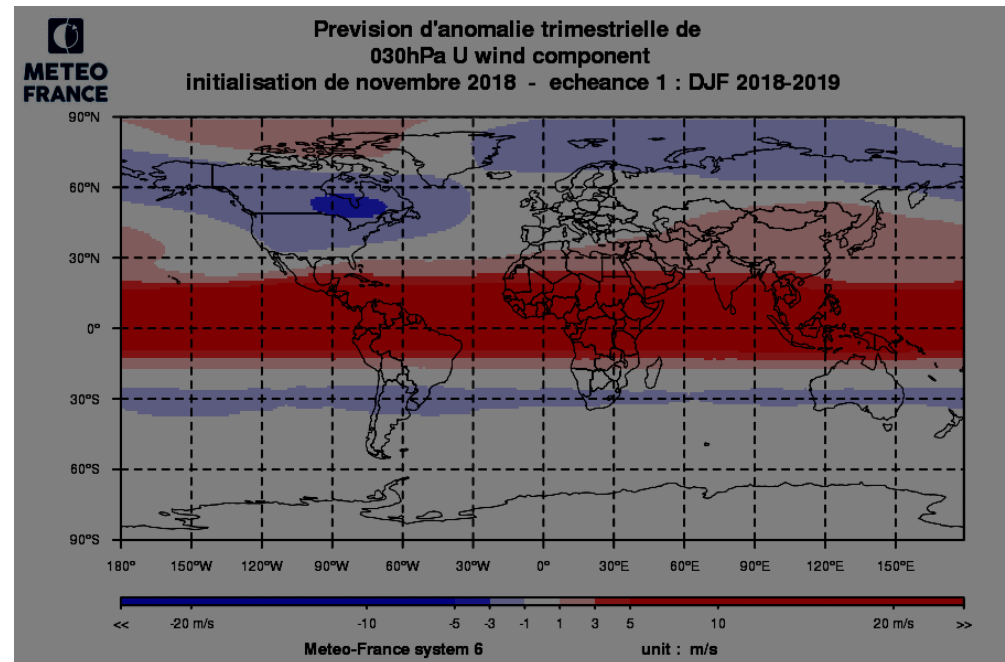
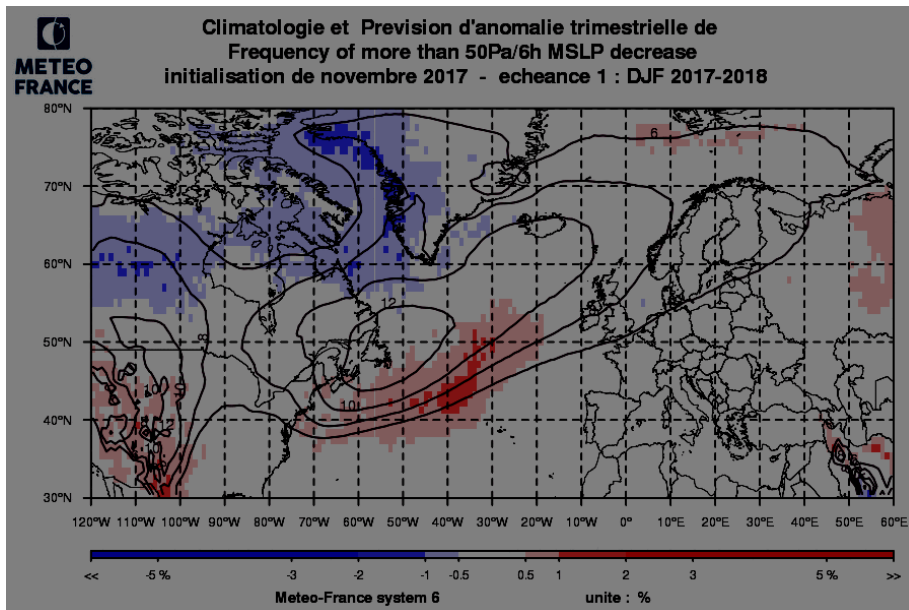
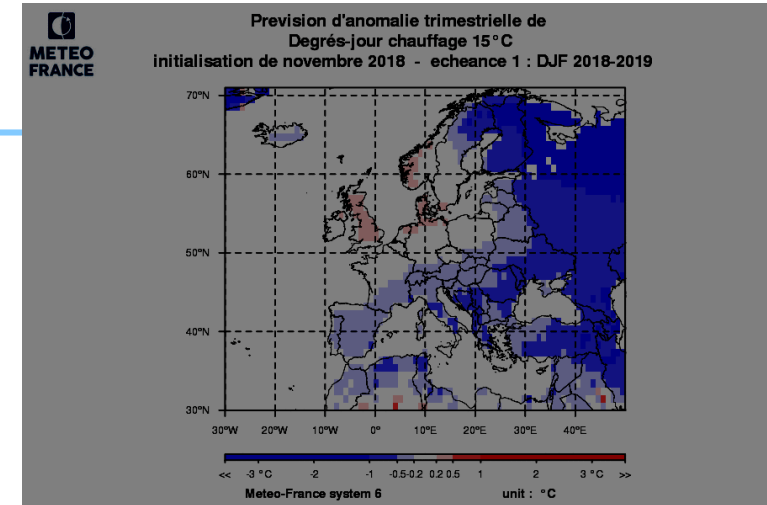
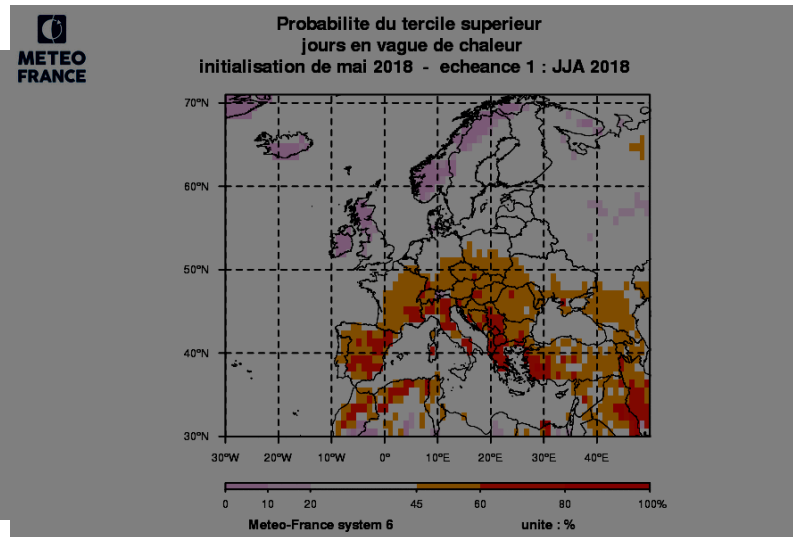
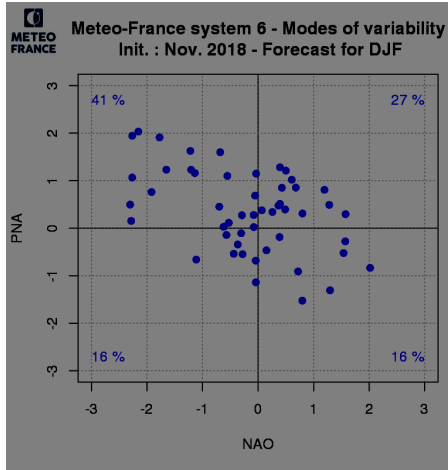
  - EUROSIP is always fed with ARPEGE System 5 results

- ARPEGE System 5 and MF System 6 results are available on the GPC site :

Météo-France

<http://seasonal.meteo.fr>

# New operational products (MF-S6 and SEAS5)



# Scores on MF-S6 (and SEAS5)

## Météo-France system 6 - Scores

View Edit Outline Track Translate

This page is dedicated to the verification of the seasonal forecasts. Deterministic scores and Probabilistic scores are displayed on data provides from GPCP for rain and ERA-Interim for other parameters.

### 1-month and 3-month score maps

Brier, Roc, msss, correlation and ratio scores for upper and lower troposphere.

### Scores over specific areas

ROC curves and reliability diagrams (1-month and 3-month forecasts).

### Summary table over specific areas

## Modes of variability

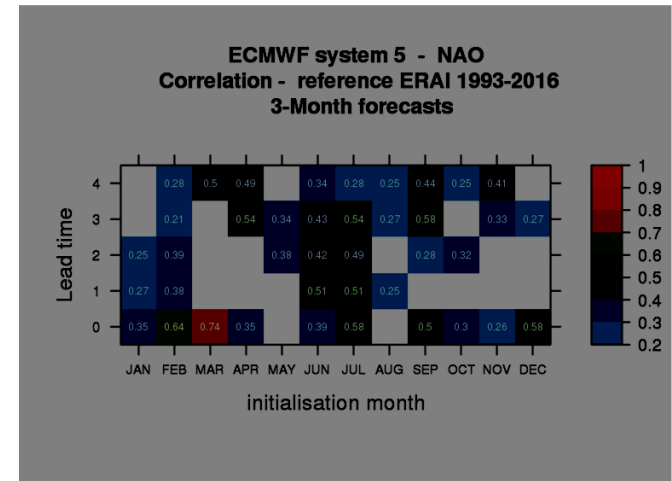
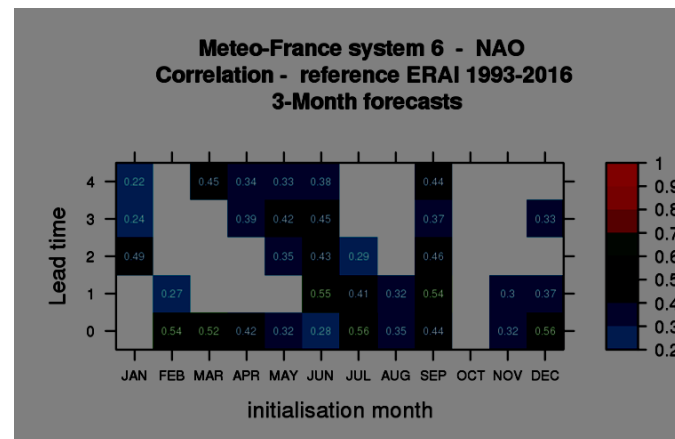
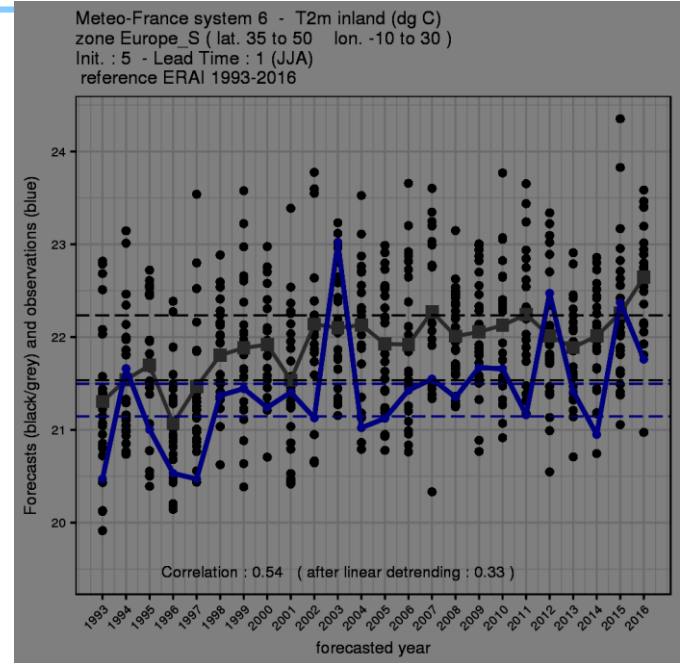
### 1-month and 3-month score charts

Probabilistic scores (ROC curves and reliability diagram) et deterministic scores.

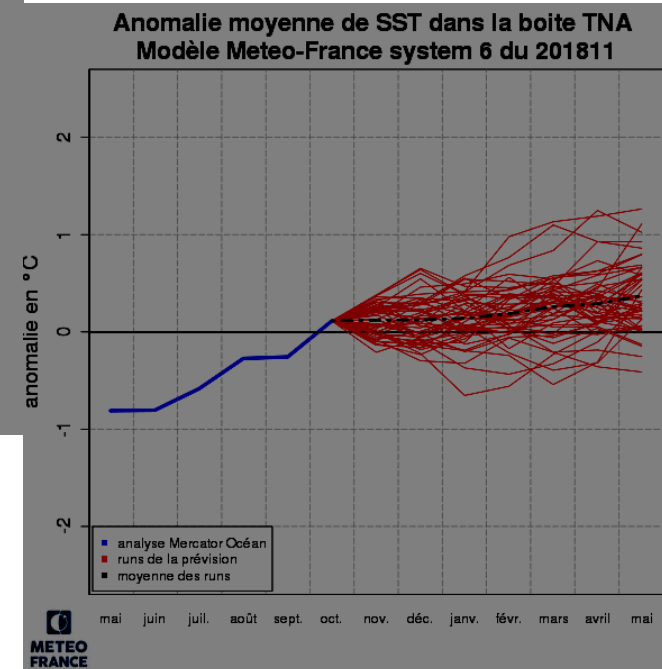
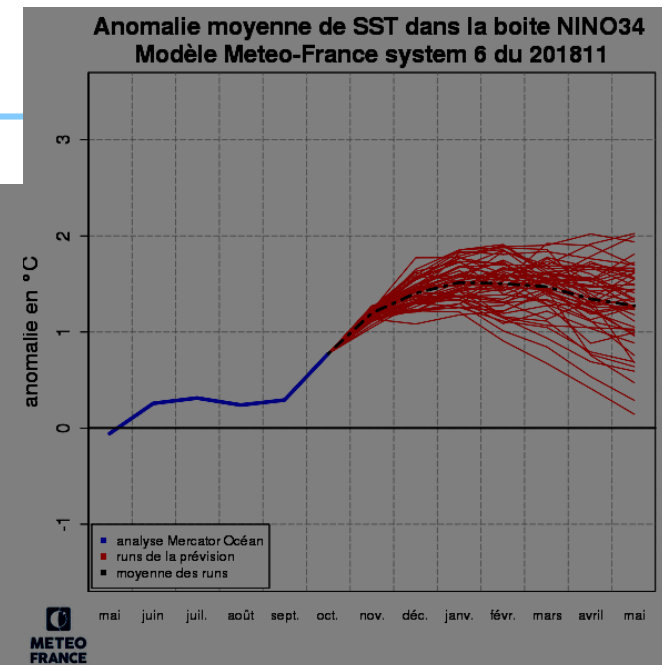
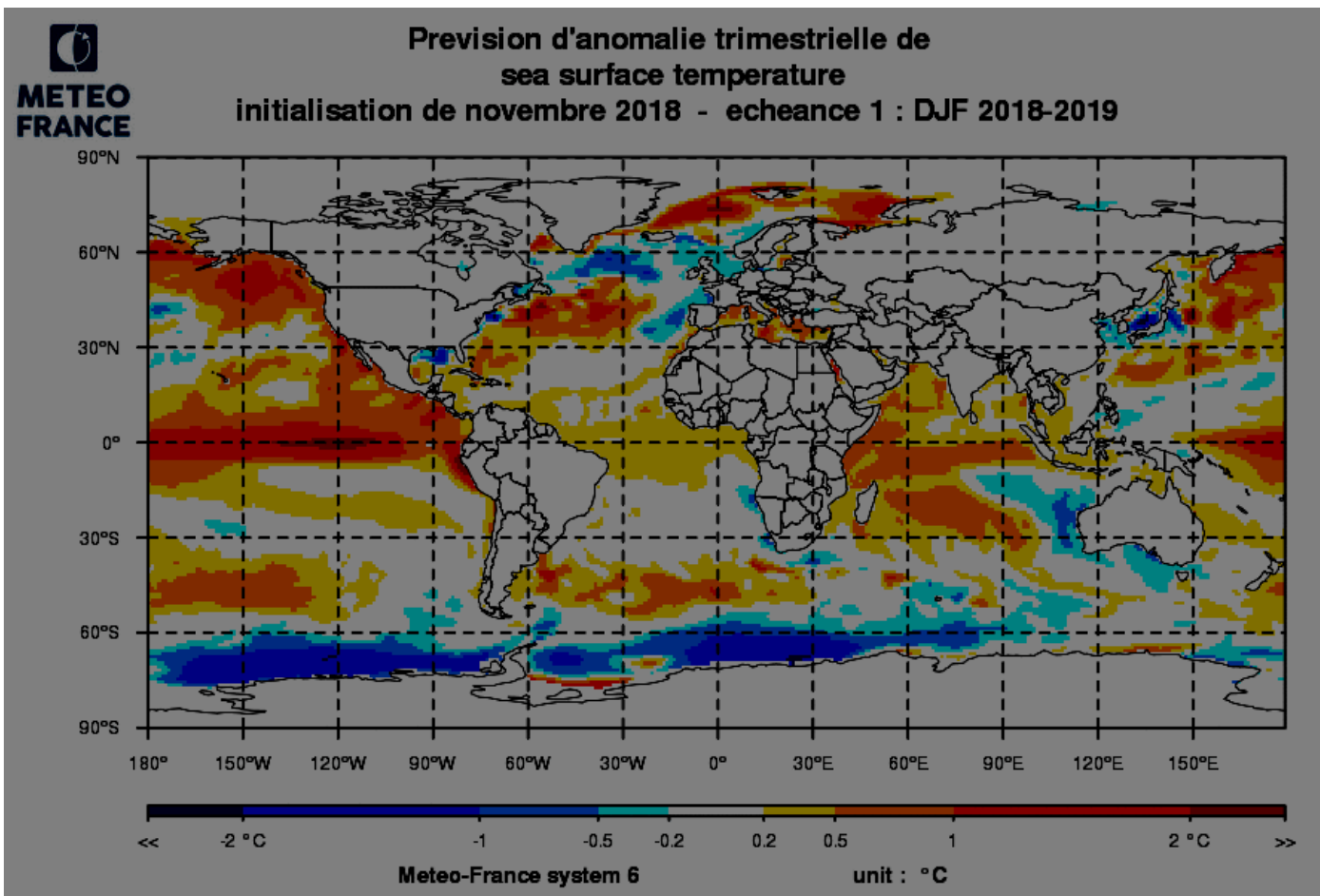
### Summary table

Summary table for all lead-times of all initialization months.

- SST
- Z 500 hPa
- T 2m
- Precipitations
- PV200
- FC200
- Vagues de chaleur
- Vagues de froid
- Degrés-jour chauffage 15°C

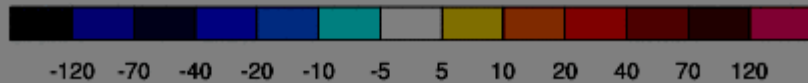
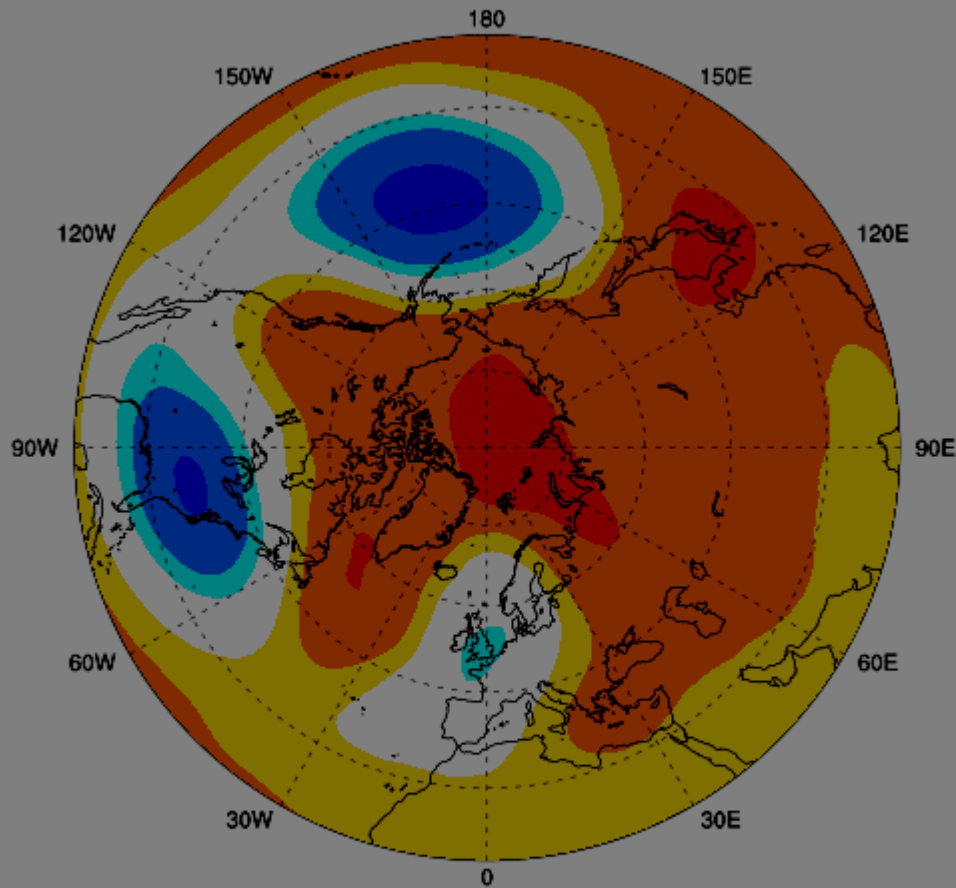


# MF-S6 forecast for DJF 2018/2019

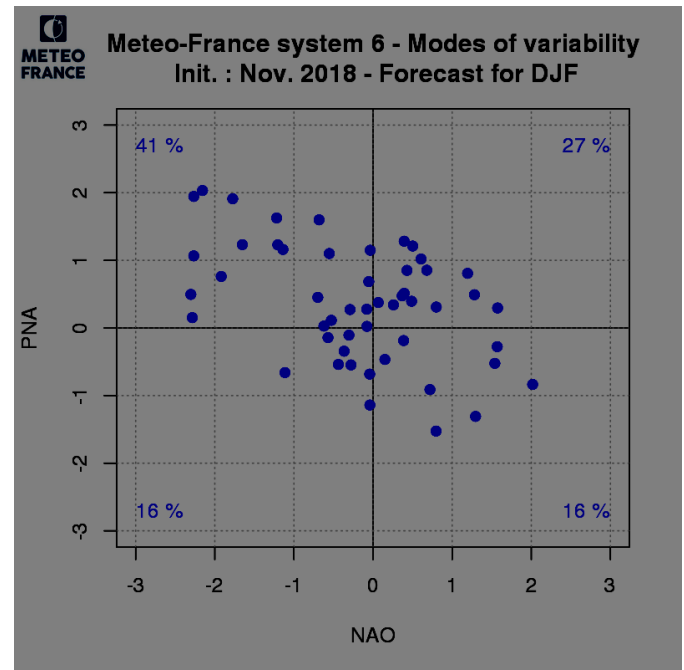


# MF-S6 forecast for DJF 2018/2019

3 months anomaly forecast  
500 hPa Geopotential Height



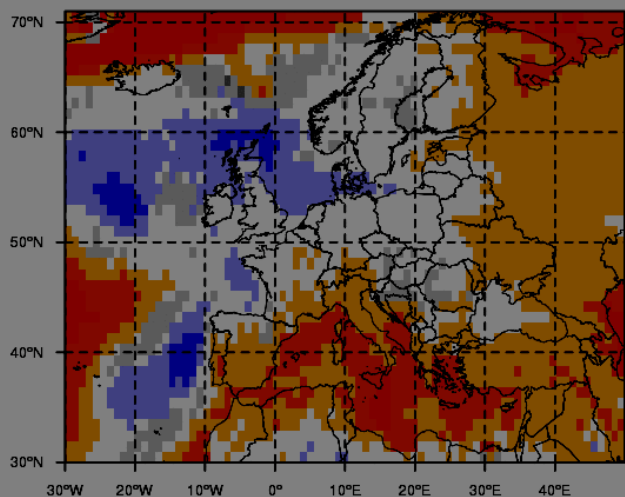
Meteo-France system 6 init 20181101 leadtime 1



# MF-S6 forecast for DJF 2018/2019



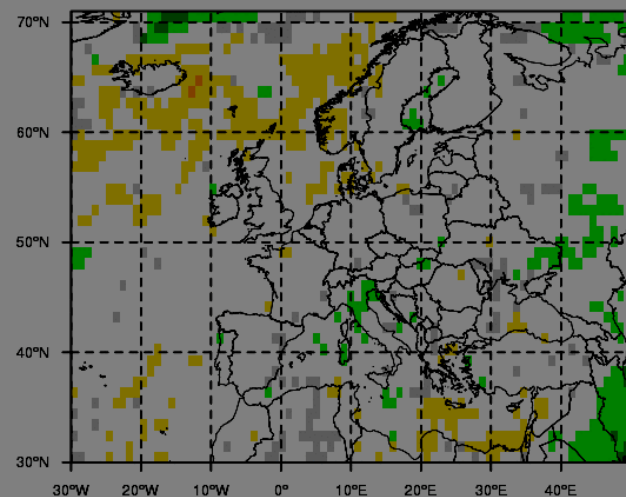
Synthese des probabilités des terciles inf, normal et sup  
2m temperature  
initialisation de novembre 2018 - echeance 1 : DJF 2018-2019



TERCILES inf: 45 60 80 100% norm: 45 60 80 100% sup: 45 60 80 100%  
Meteo-France system 6 unit : %



Synthese des probabilités des terciles inf, normal et sup  
precipitations  
initialisation de novembre 2018 - echeance 1 : DJF 2018-2019



TERCILES inf: 45 60 80 100% norm: 45 60 80 100% sup: 45 60 80 100%  
Meteo-France system 6 unit : %



English | Français

# Seasonal forecast

Home Documentation Bulletins Models

**Welcome**  
to Météo-France web site dedicated to seasonal forecasts

> Accès personnel de Météo-France

Username \*

Password \*





SE CONNECTER

Météo-France has been designated by WMO as Global Producing Centre (GPC) of long-range forecasts and as RA6 Regional Climate Centre node on Long Range Forecasts (RCC-LRF).

In this framework, it delivers through this website :

- Météo-France system 6 model forecasts and scores
- Operational products and services within the RA6 RCC Network

RA6 RCC Network useful links

 KNMI RCC Network (RA6) De Bilt Node on Climate Data Services	 Deutscher Wetterdienst RCC Network (RA6) Offenbach Node on Climate Monitoring	 MÉTÉO FRANCE RCC Network (RA6) Toulouse Node on Long-range Forecastings	 РОСГИДРОМЕТ RCC Network (RA6) Moscow Node on Long-range Forecastings
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<http://seasonal.meteo.fr/>

*Thank you for your attention*

contact : [rcc-lrf-mf@meteo.fr](mailto:rcc-lrf-mf@meteo.fr)