

# Résultats très préliminaires du nouveau système CNRM-CM5 en préparation a l'AR5

Il faut lire : « ca tourne »

*Collaboration Météo-France/Cerfacs  
MISSTERRE – Mai 2009*

# Le modèle CNRM-CM5 (beta)

Atm: ARPEGEv5.1

Océan: NEMOv3-conf-ORCA1

Glace: LIM2 (a remplacer par GELATOv5)

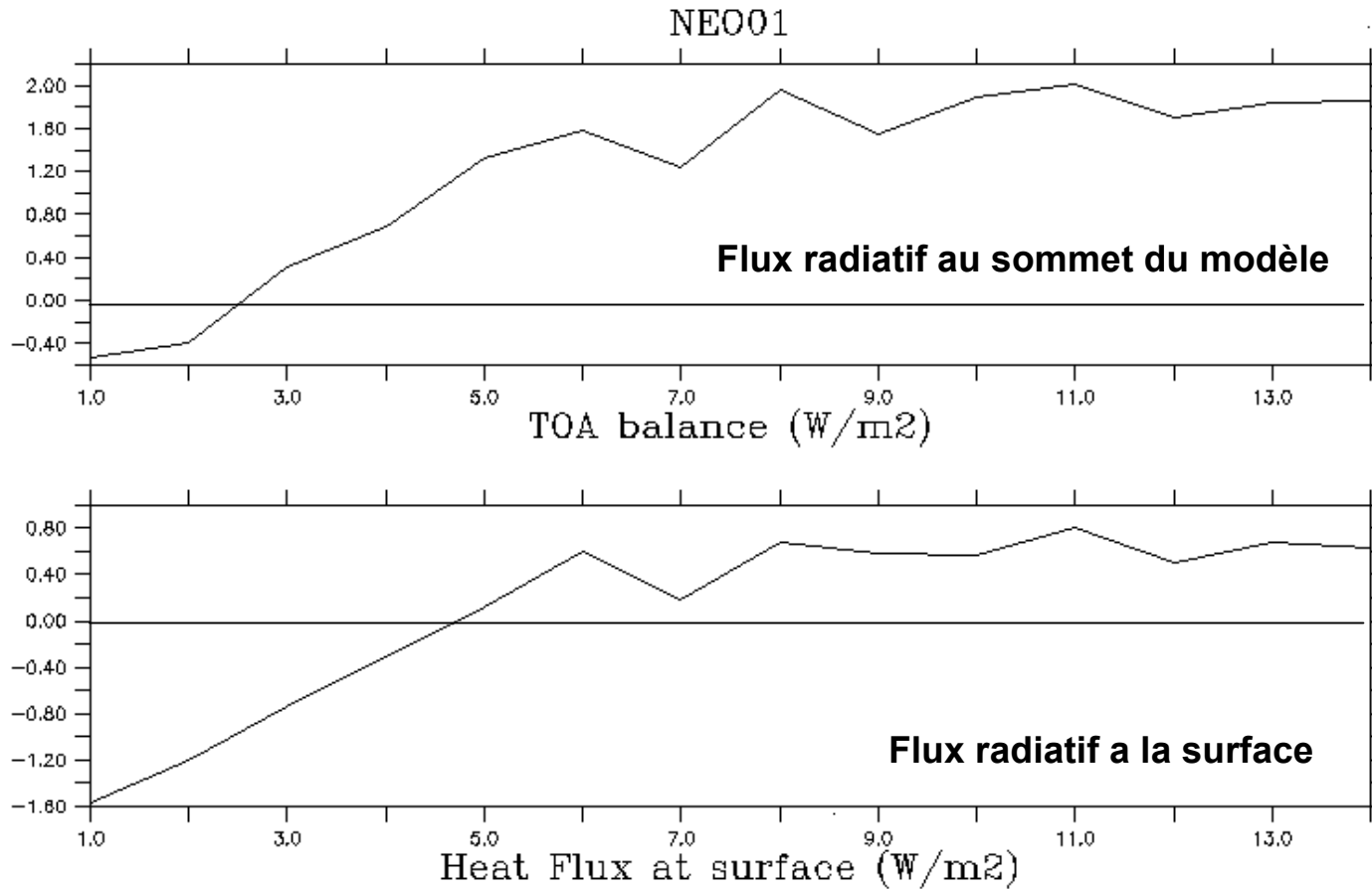
Sol: ISBA

Machine: SX9 Météo-France

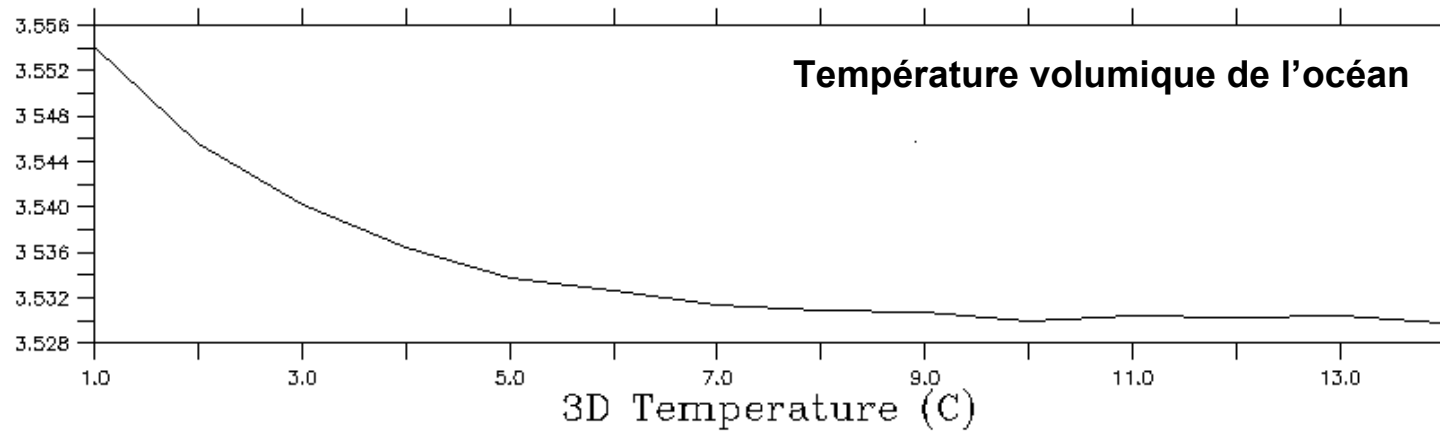
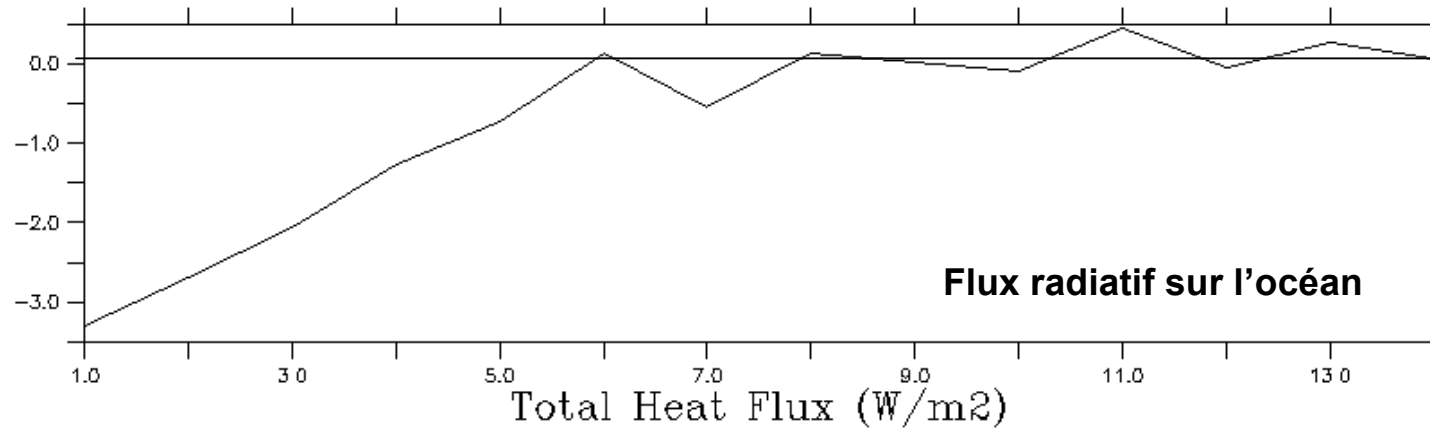
20 ans de simulations

Le but: Mise en évidence des biais régionaux majeurs  
(très probablement indépendants du tuning final:  
namelist de couplage etc.)

# Bilan des flux (TOA et surface)

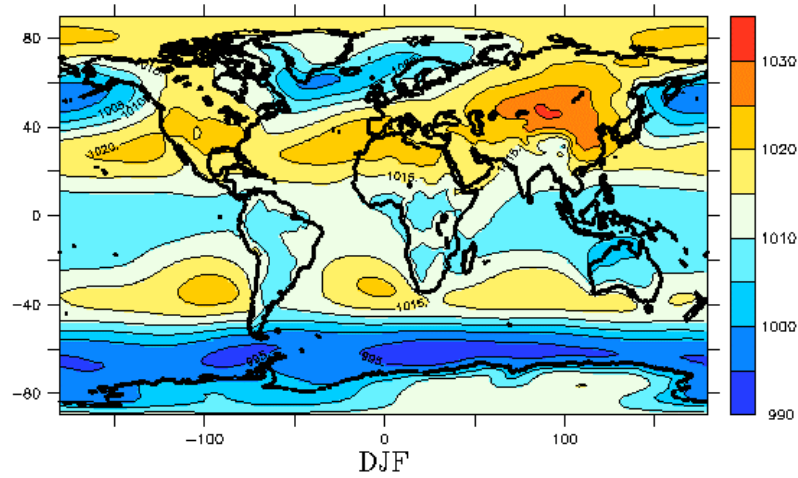


# Sur l'océan....



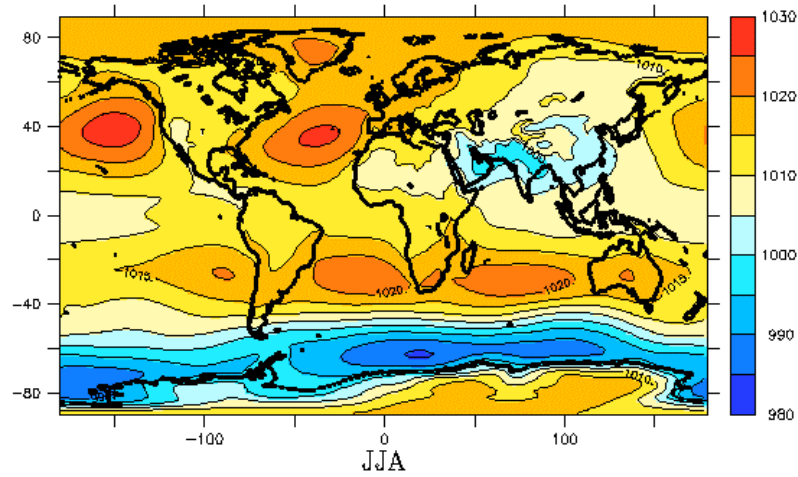
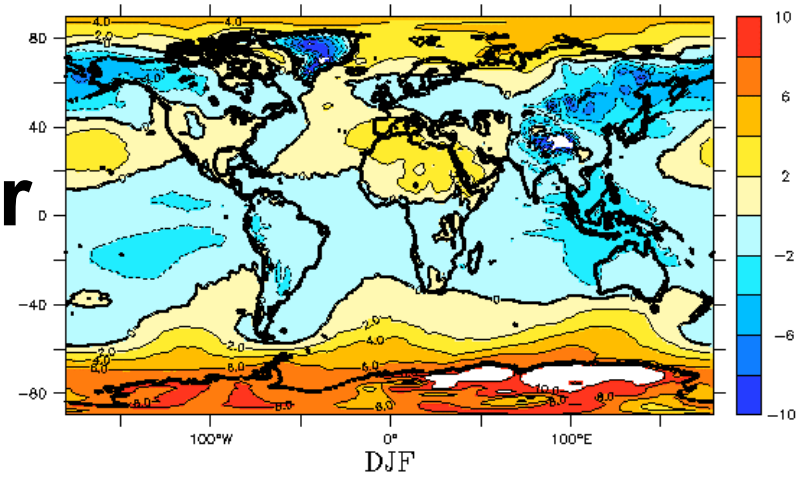
# Pression de surface

Sea Level Pressure

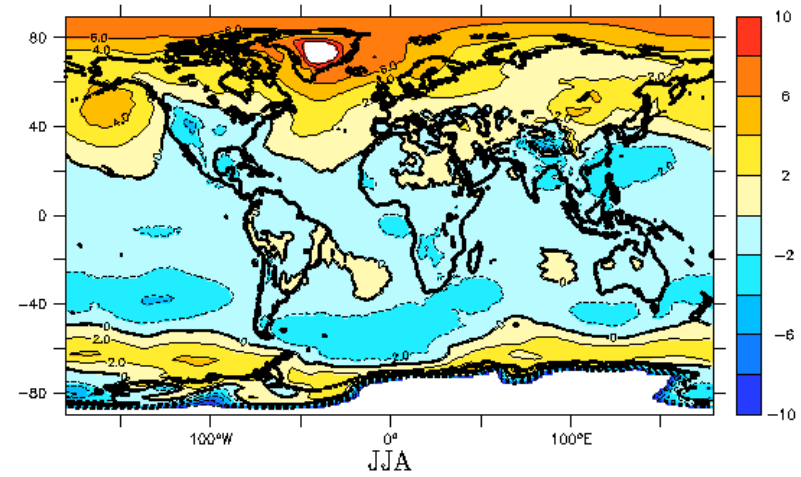


Différence entre climatologie CNRM-CM5 et NCEP

Hiver

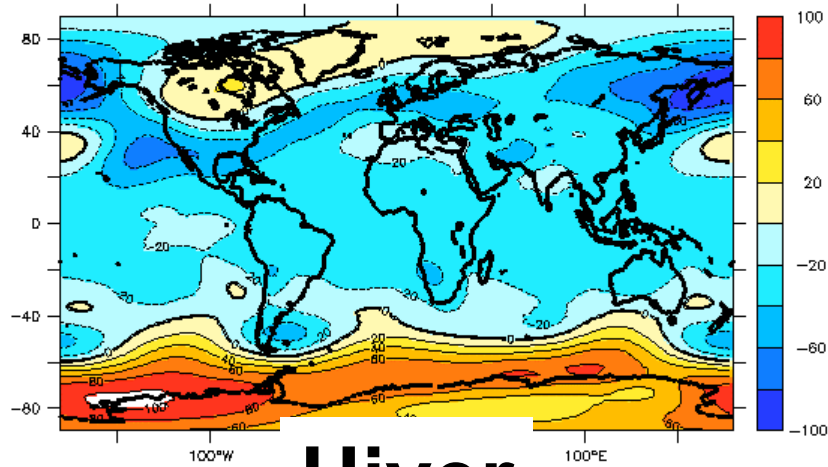


Été

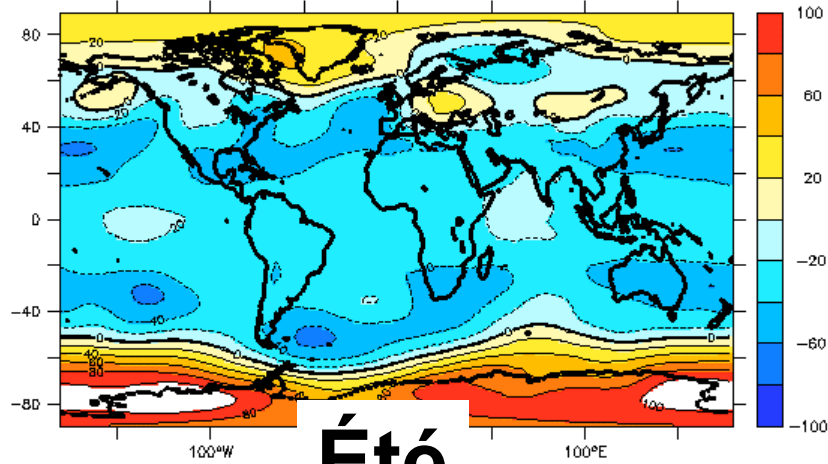


# Z500

Différence entre climatologie CNRM-CM5 et NCEP



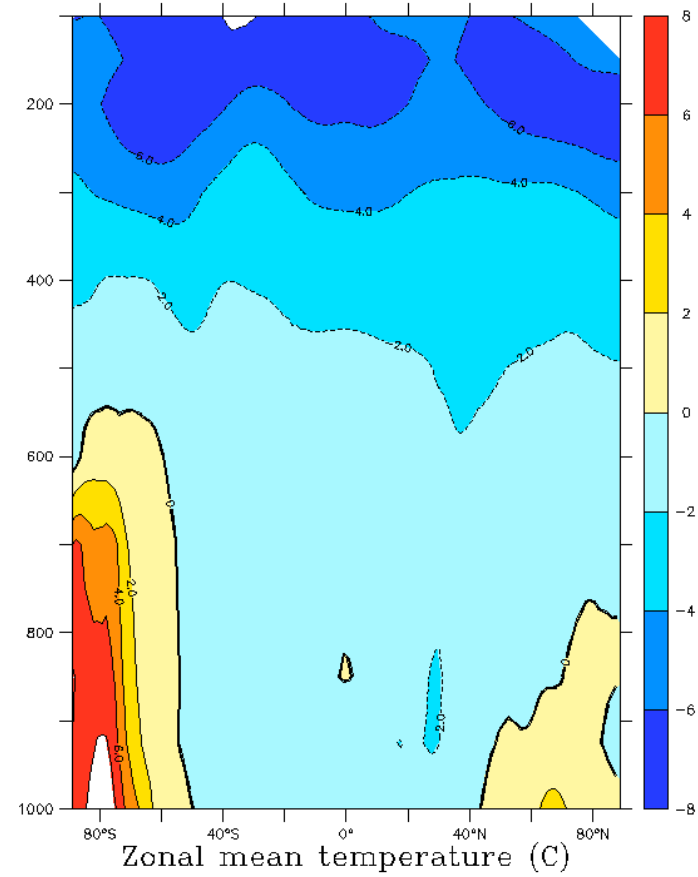
## Hiver



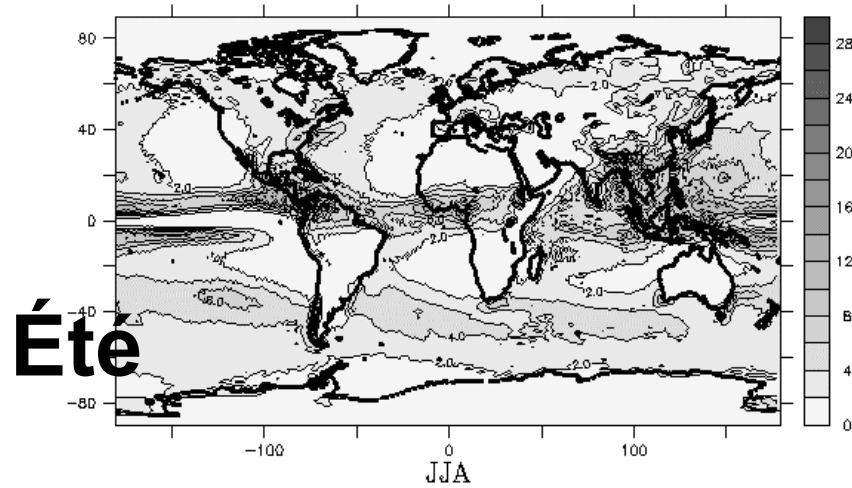
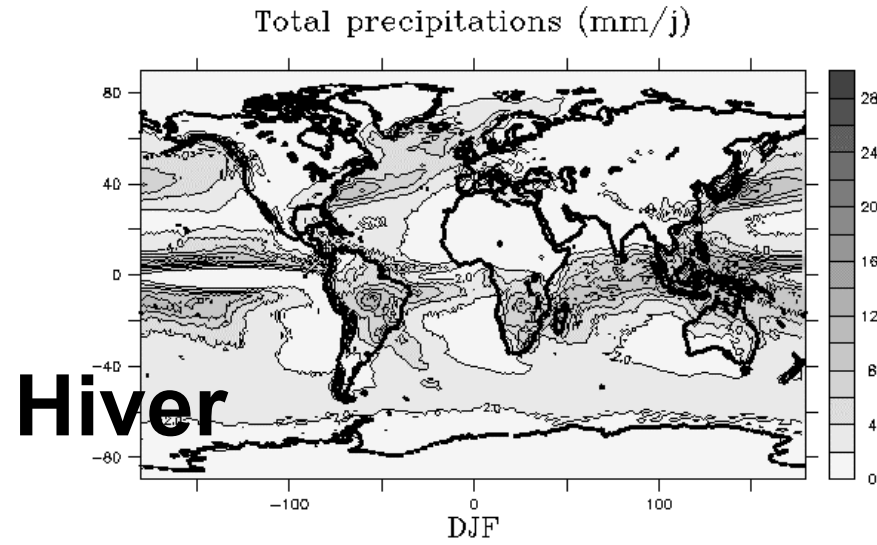
## Été

# Température Zonale

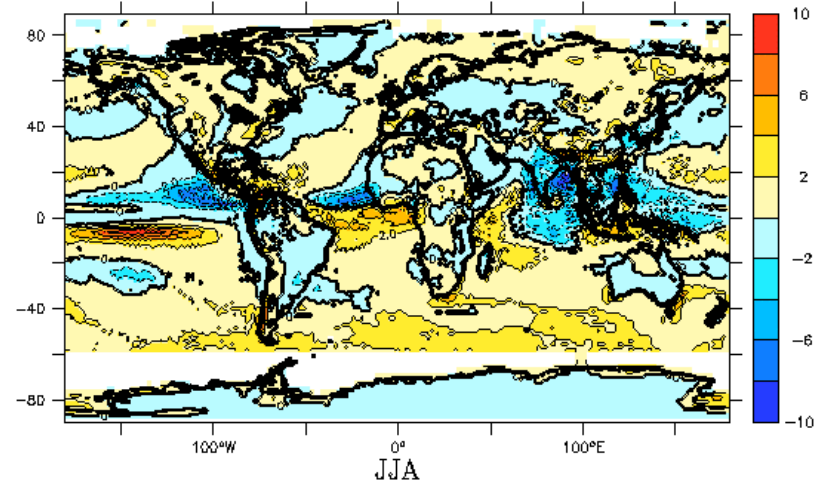
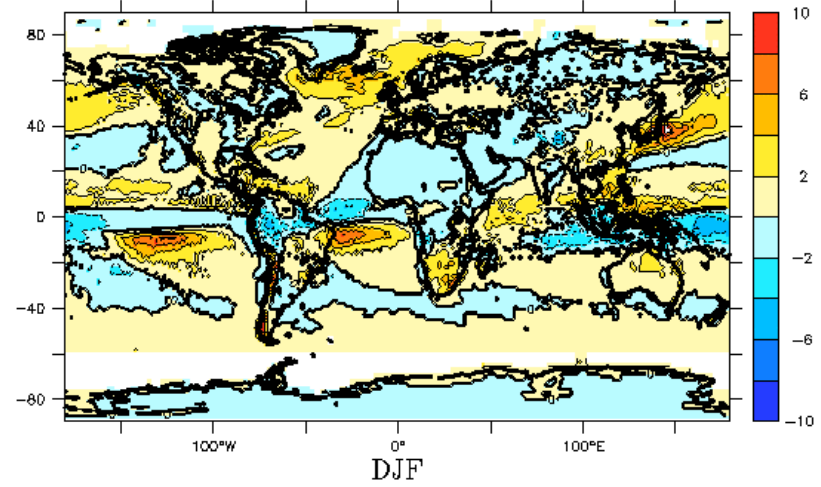
Différence entre climatologie CNRM-CM5 et NCEP



# Précipitation



Différence entre climatologie CNRM-CM5 et CMAP



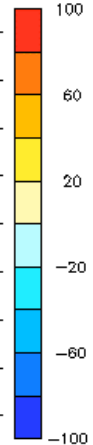
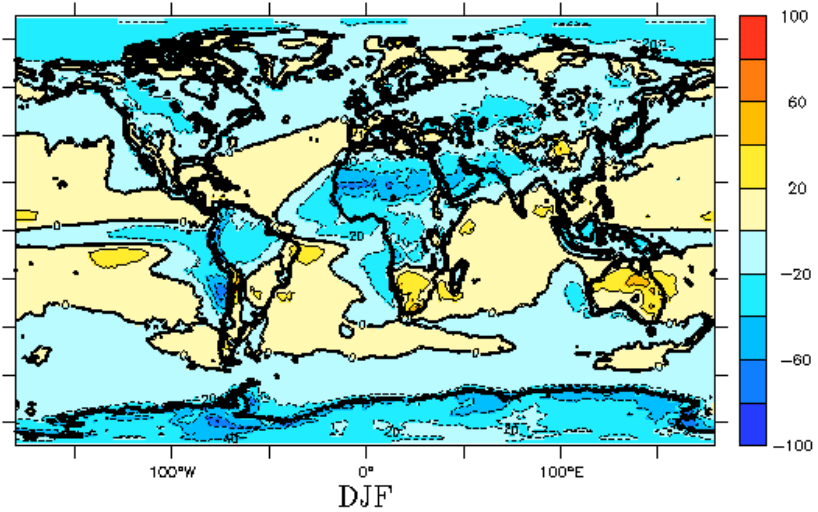
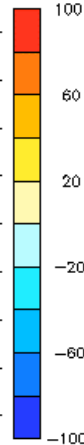
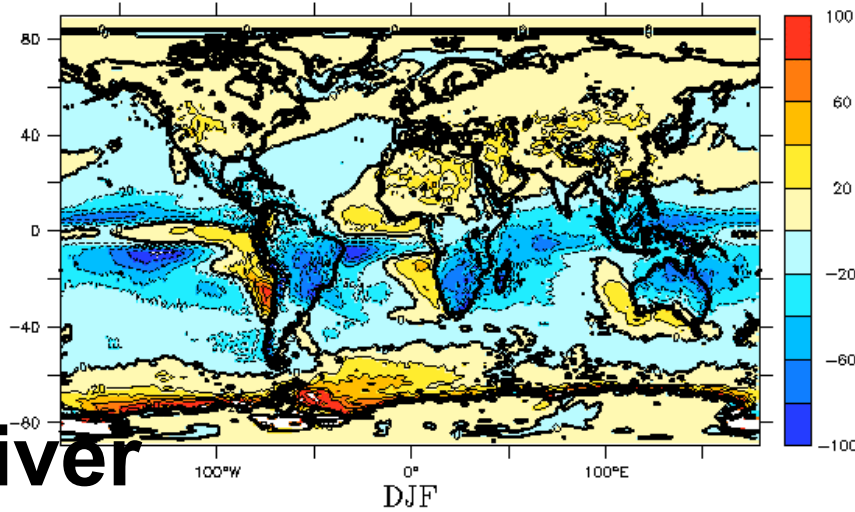
# Flux radiatifs a la surface

Différence entre climatologie CNRM-CM5 et ISCPP

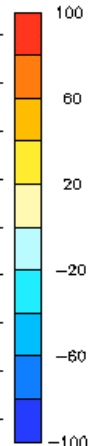
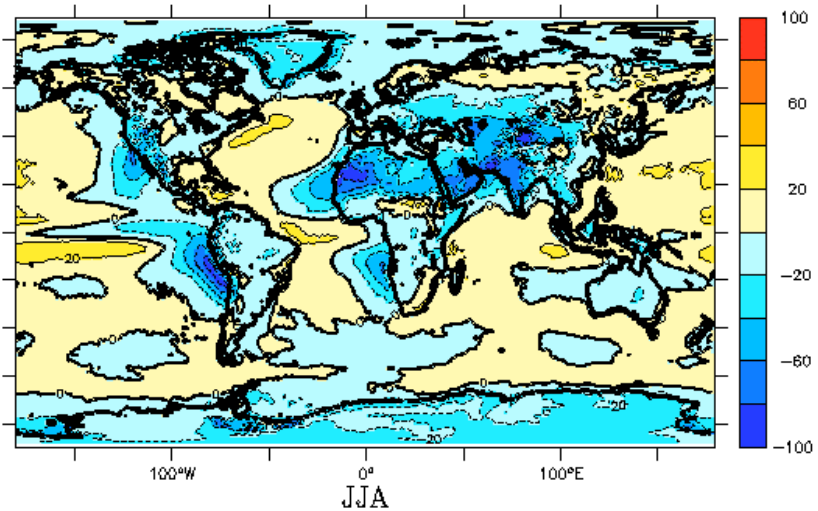
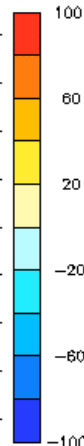
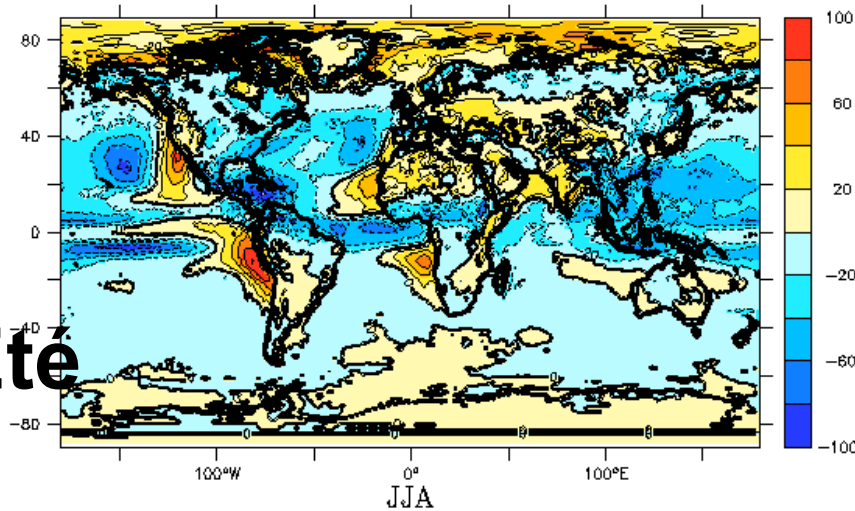
Shortwave radiation

Longwave radiation

Hiver



Été





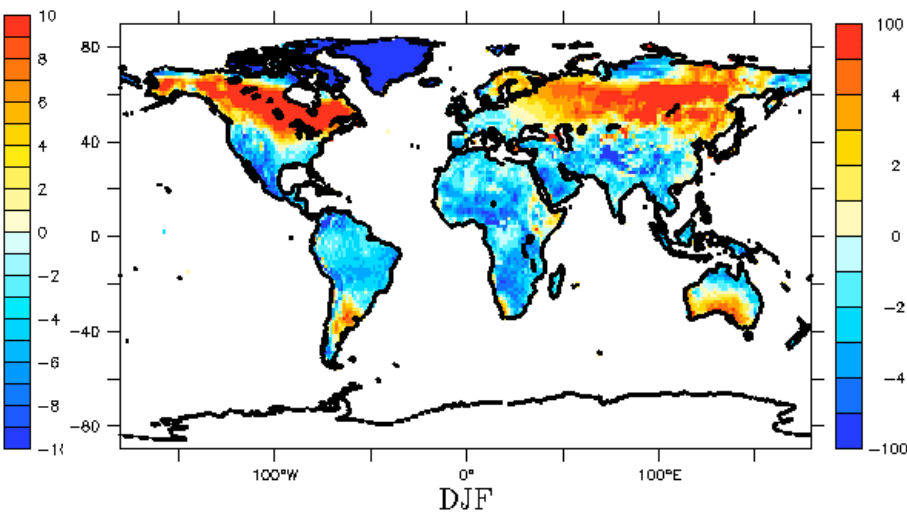
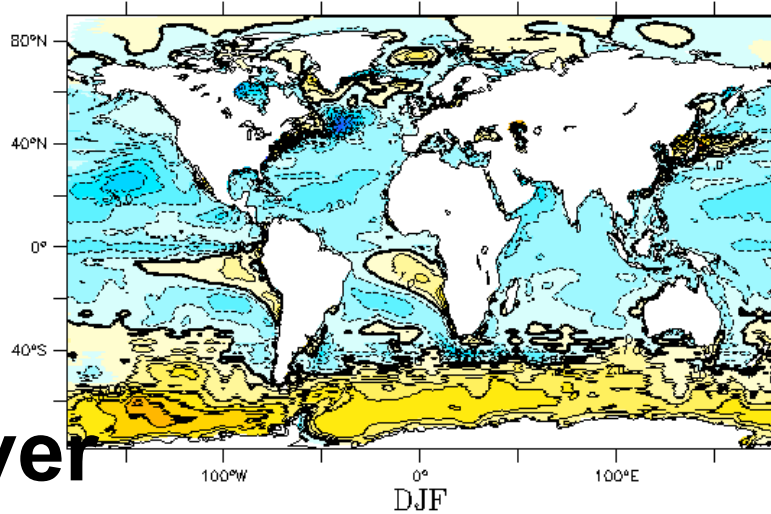
# Température de surface

Différence entre climatologie CNRM-CM5 et HadISST/CRU

Température océanique

N Température de surface des sols ;

Hiver



Été

