

## Exemple 1

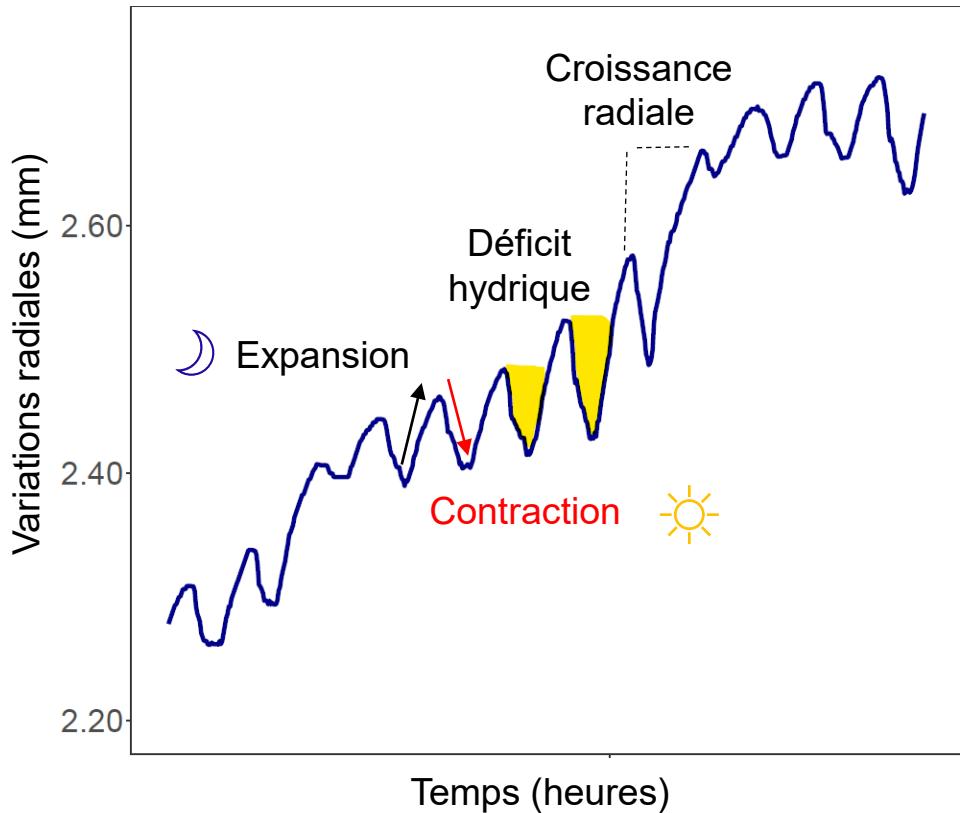
Analyse du stress hydrique des arbres boréaux pendant une sécheresse intense au moyen de dendromètres



*Jeanny*



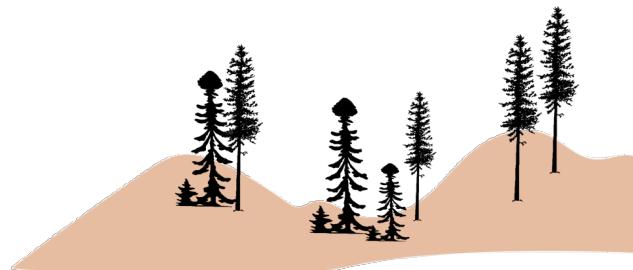
# Fonctionnement des dendromètres



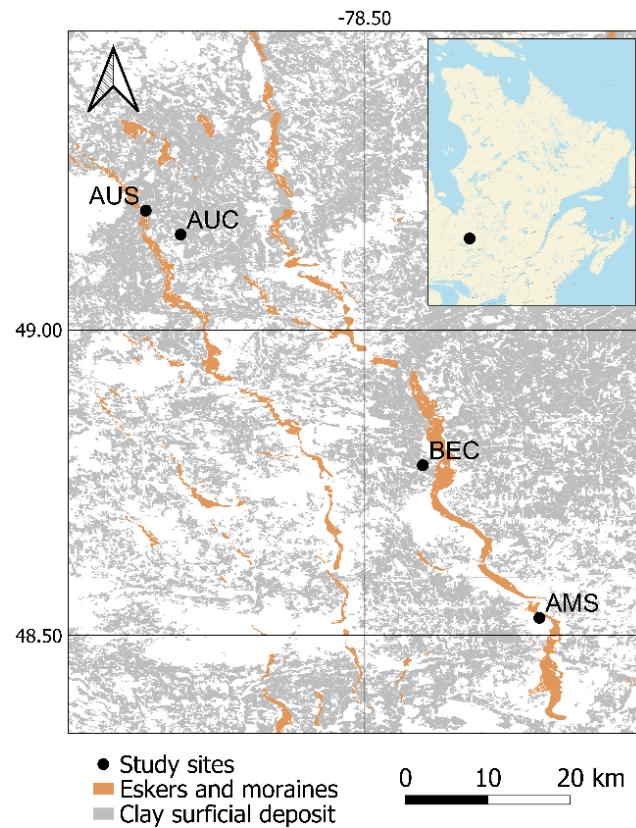
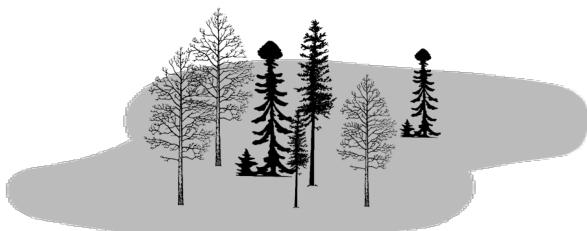
# Design expérimental

## Dépôts de surface différents

2 sites sur sable (eskers)



2 sites sur argile



## Stratégies différentes d'utilisation de l'eau

Pin gris (20)  
Isohydrique



Peuplier faux-tremble (10)  
Anisohydrique

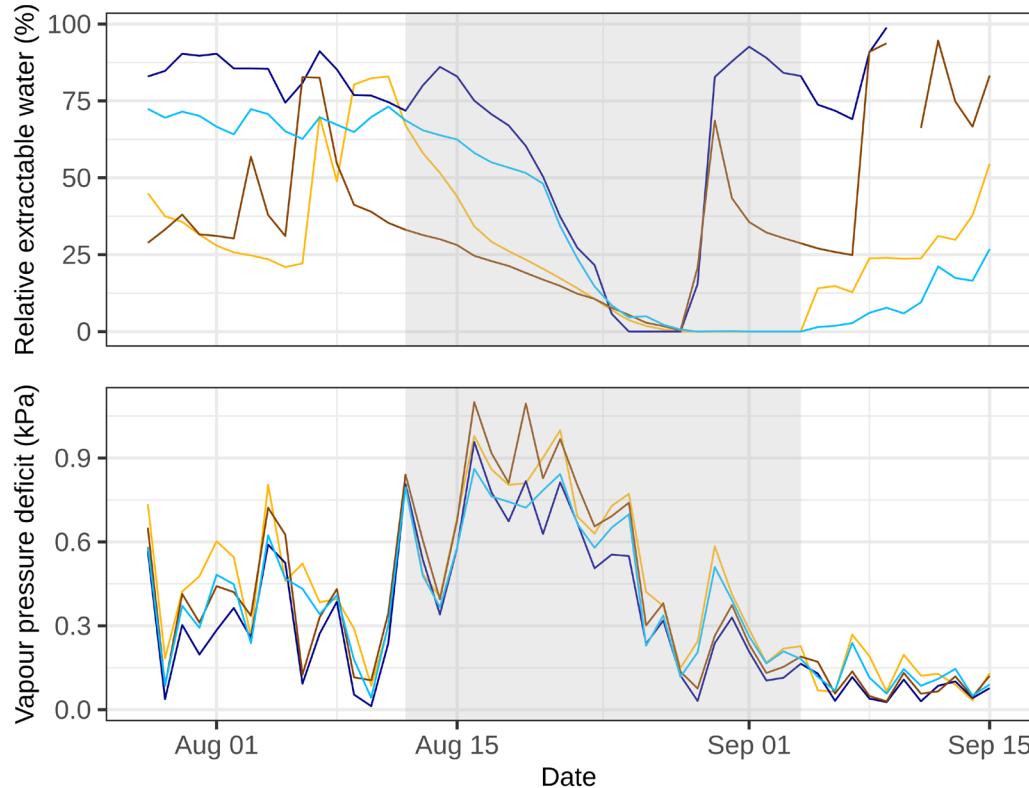


Épinette noire (20)



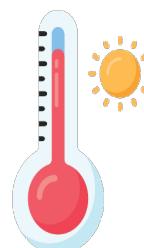


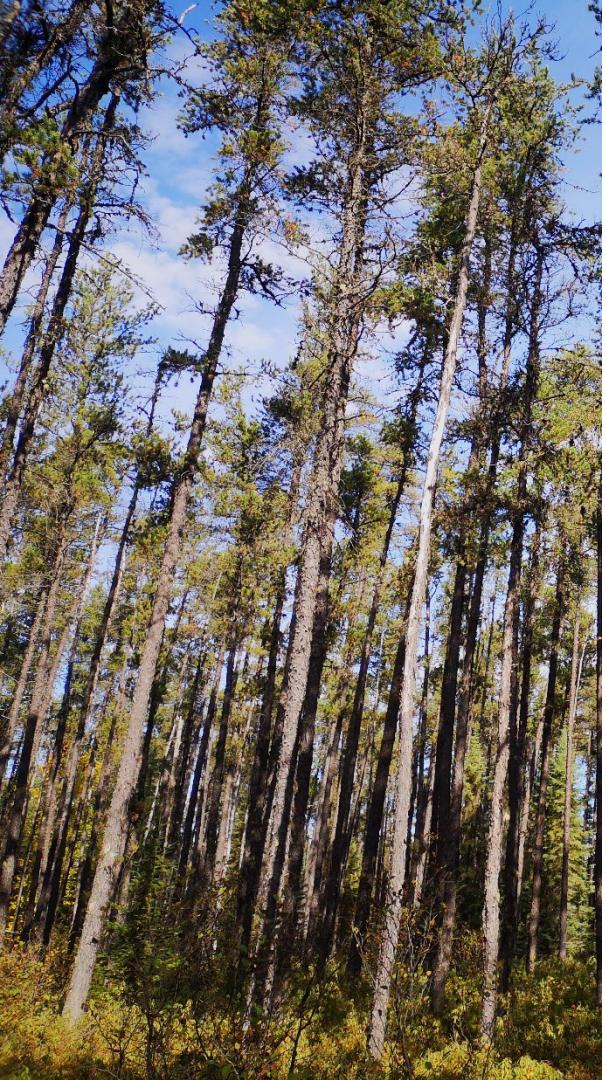
# Sécheresse du sol et de l'air à nos sites en 2021



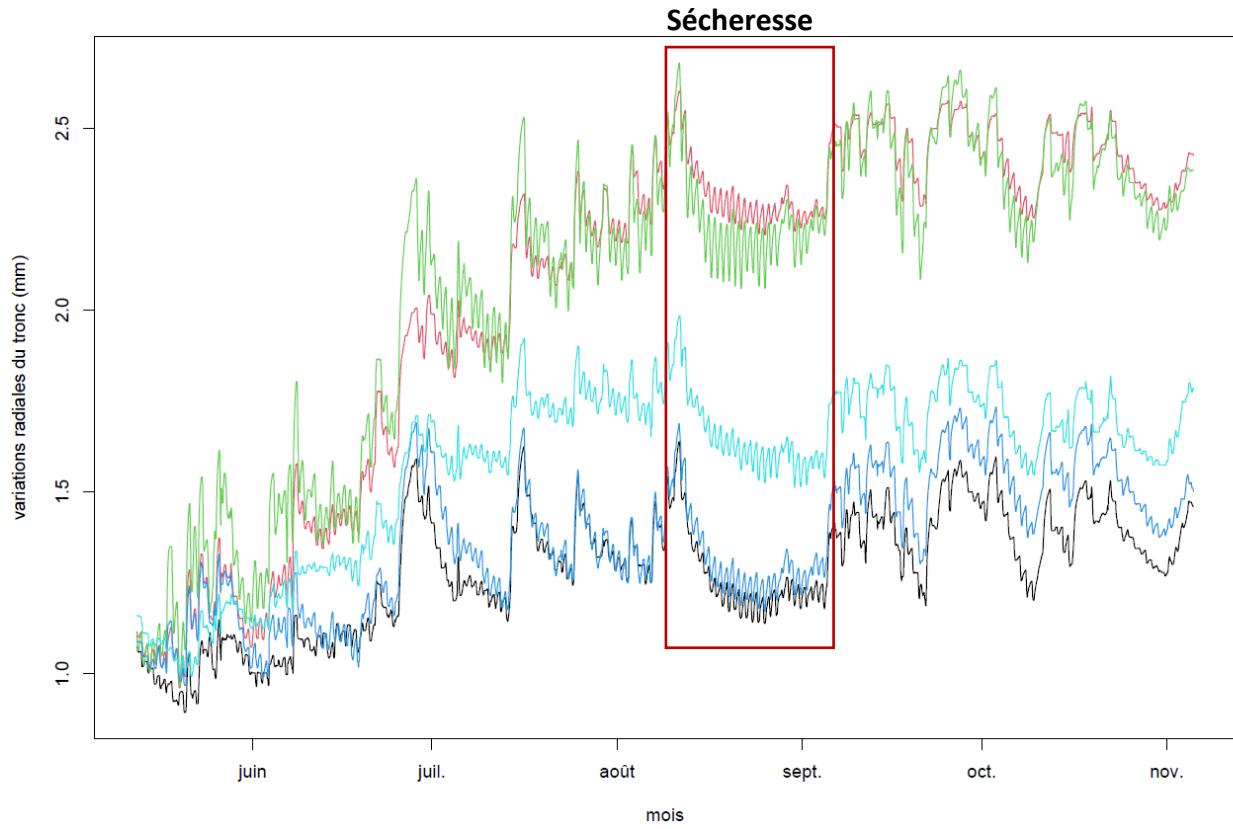
Site

- AMS
- AUC
- AUS
- BEC

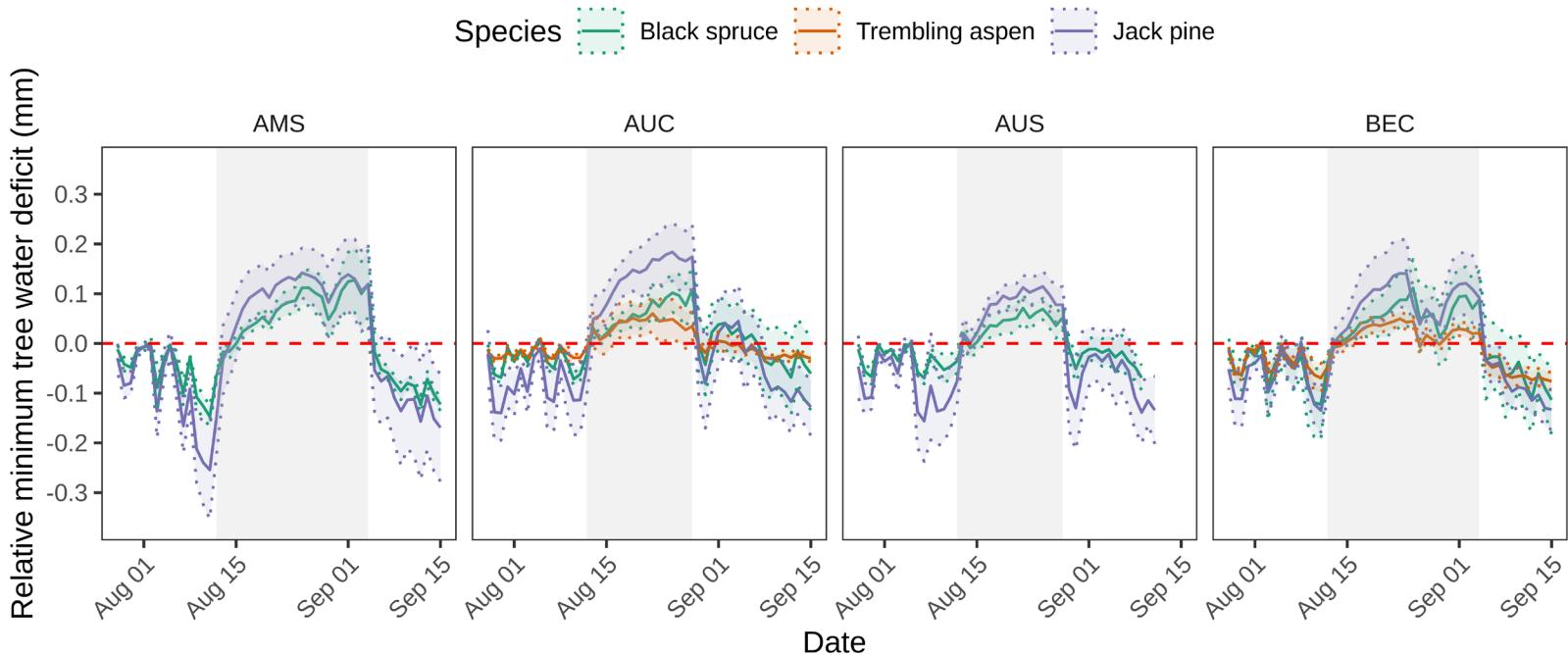




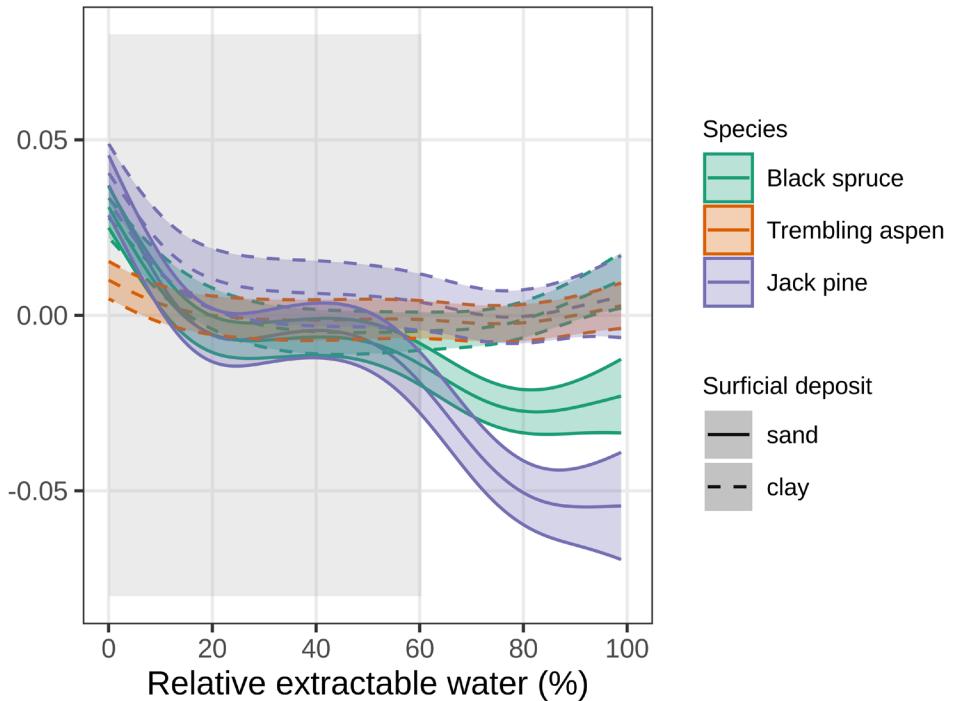
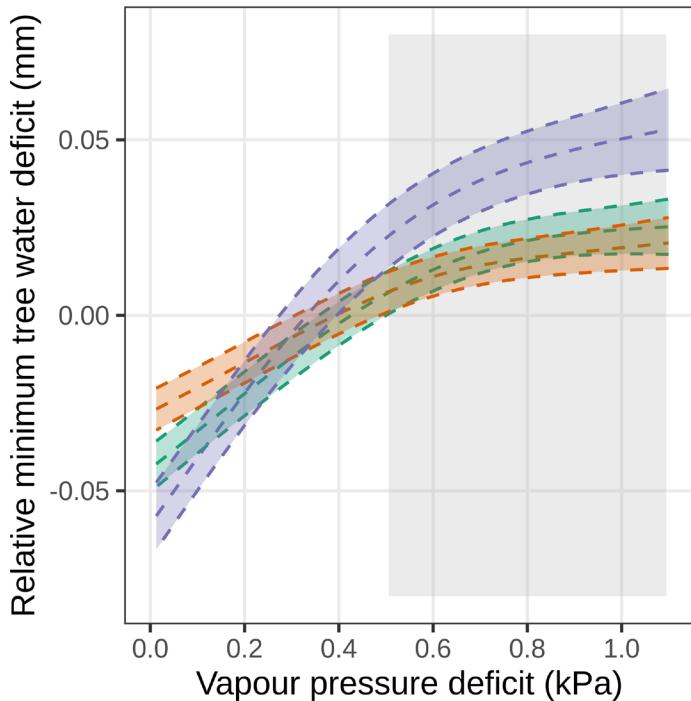
## Séries temporelles du pin gris sur sol sablonneux



# Déficit hydrique mesuré à l'aide des dendromètres



# Modèles de l'effet de la sécheresse



Species

- Black spruce
- Trembling aspen
- Jack pine

Surficial deposit

- sand
- clay