

Numerical Weather Prognosis (NWP) for Canadian Fire Weather Professionals





















































Precipitation: Coarse Model Grid

- The current (non mesoscale) regional model calculates all variables at locations that are 15km apart.
- That means: If the model predicts 5mm of rain over a location, it really means 'an <u>average</u> of 5mm over an area which is 15 km by 15 km (225 km²) big'.



Precipitation: Small Model Grid

- If we had a model with g a 2.5km resolution 5 (LAM?) we could make av the same prediction over these 225 km²....
- But it is now accurate to 6.25 km². And thus adds important information.

















