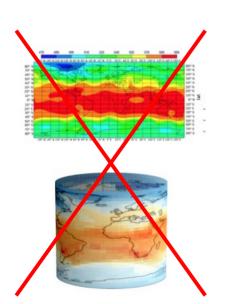
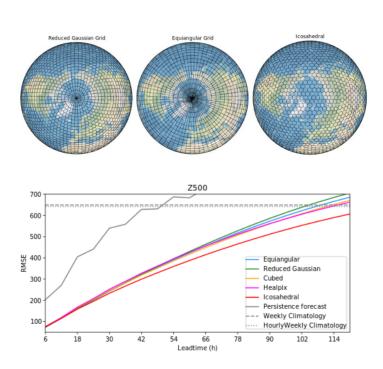
## Learning on the sphere

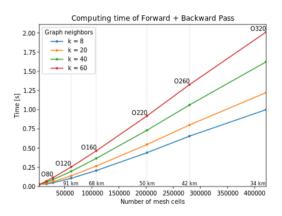
Topology and geometry of the Earth



Any (unstructured) grid: no interpolation!



Scalable



convolution 
$$y=\sum_k w_k L^k x$$
 pooling  $y=Px$  non-linearity  $y=\sigma(x)$ 

https://github.com/deepsphere/deepsphere-weather