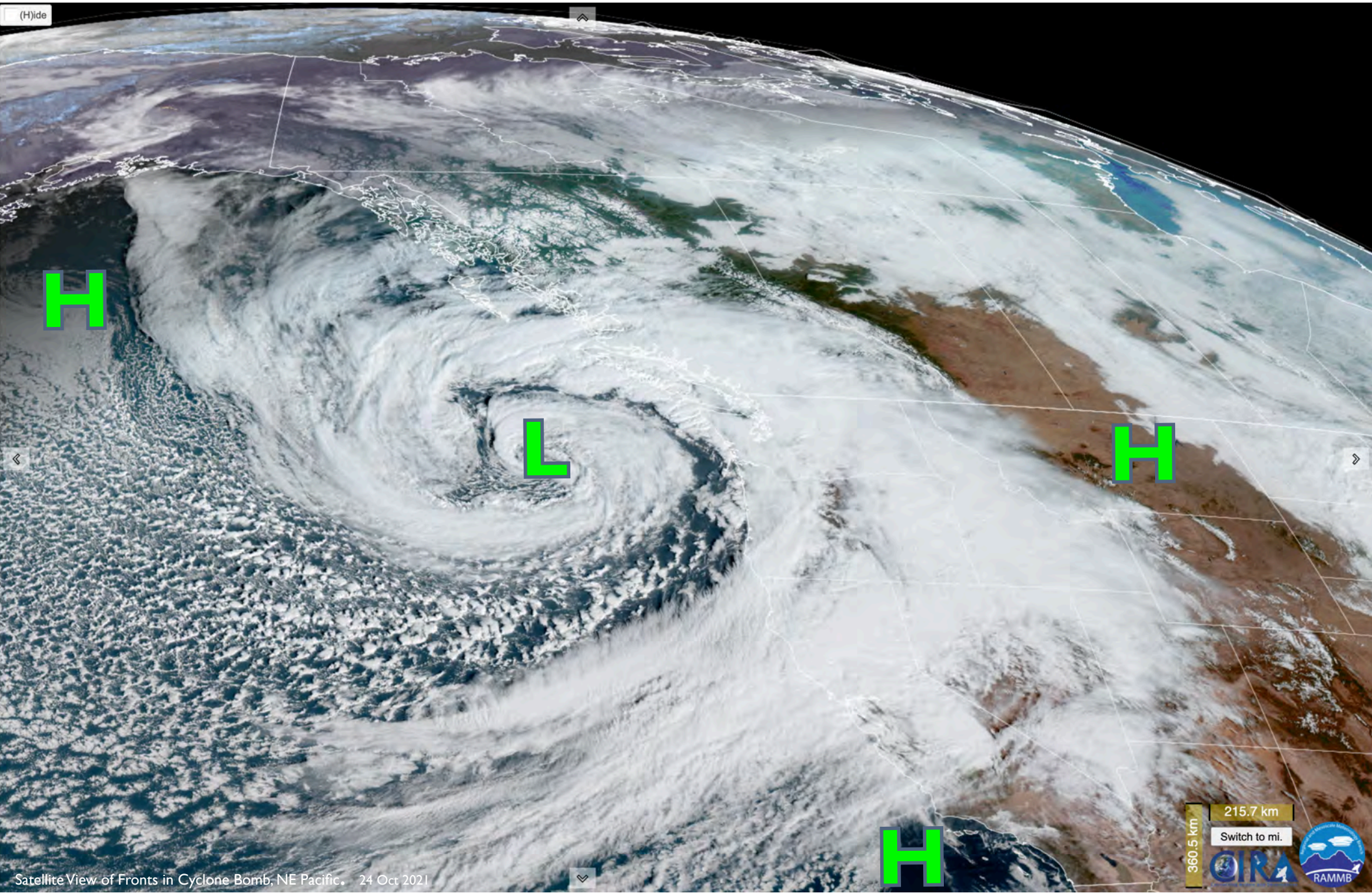
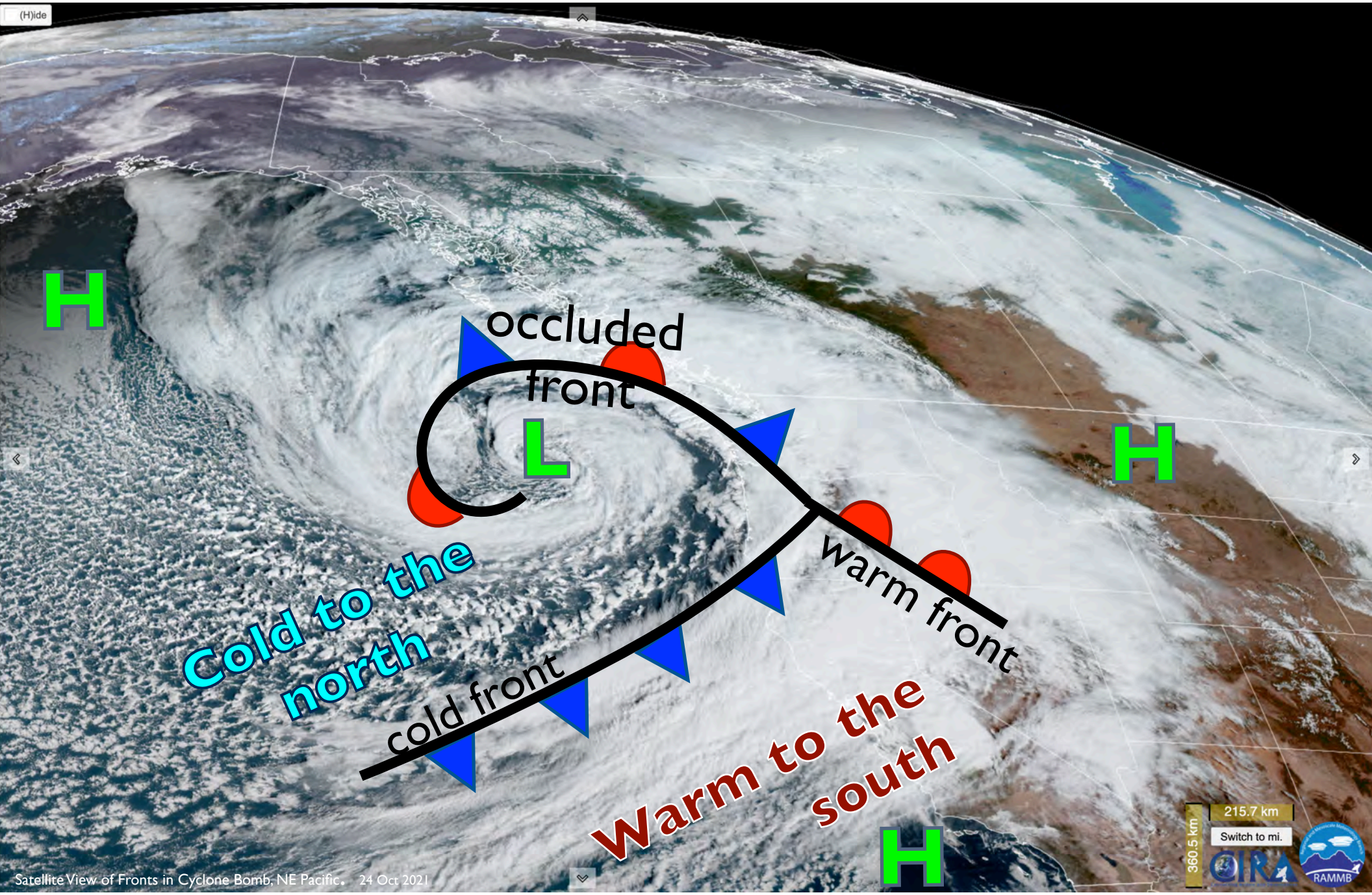
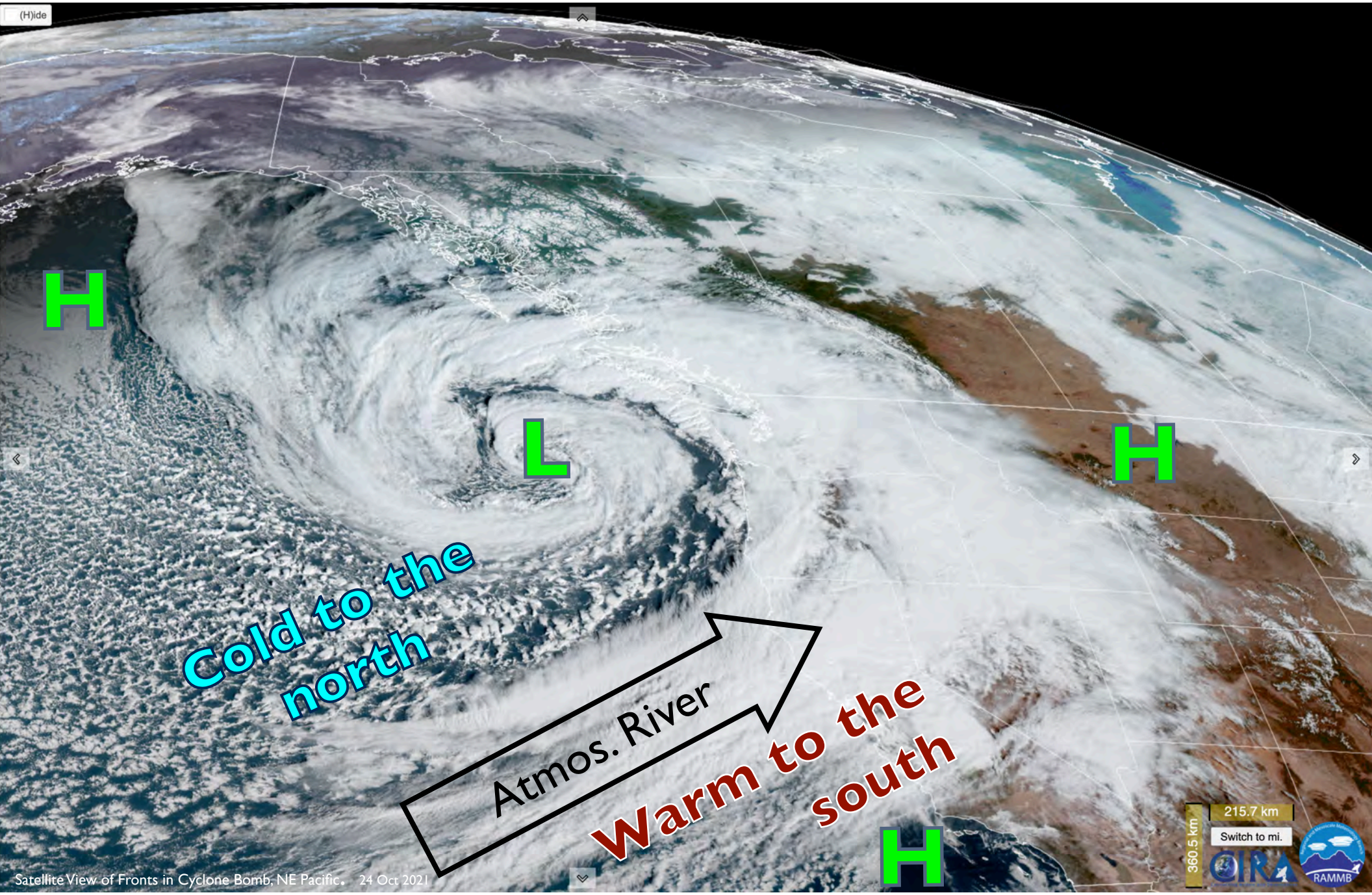
Pressure Gradients also drive Atmospheric Rivers



Pressure Gradients also drive Atmospheric Rivers



Pressure Gradients also drive Atmospheric Rivers

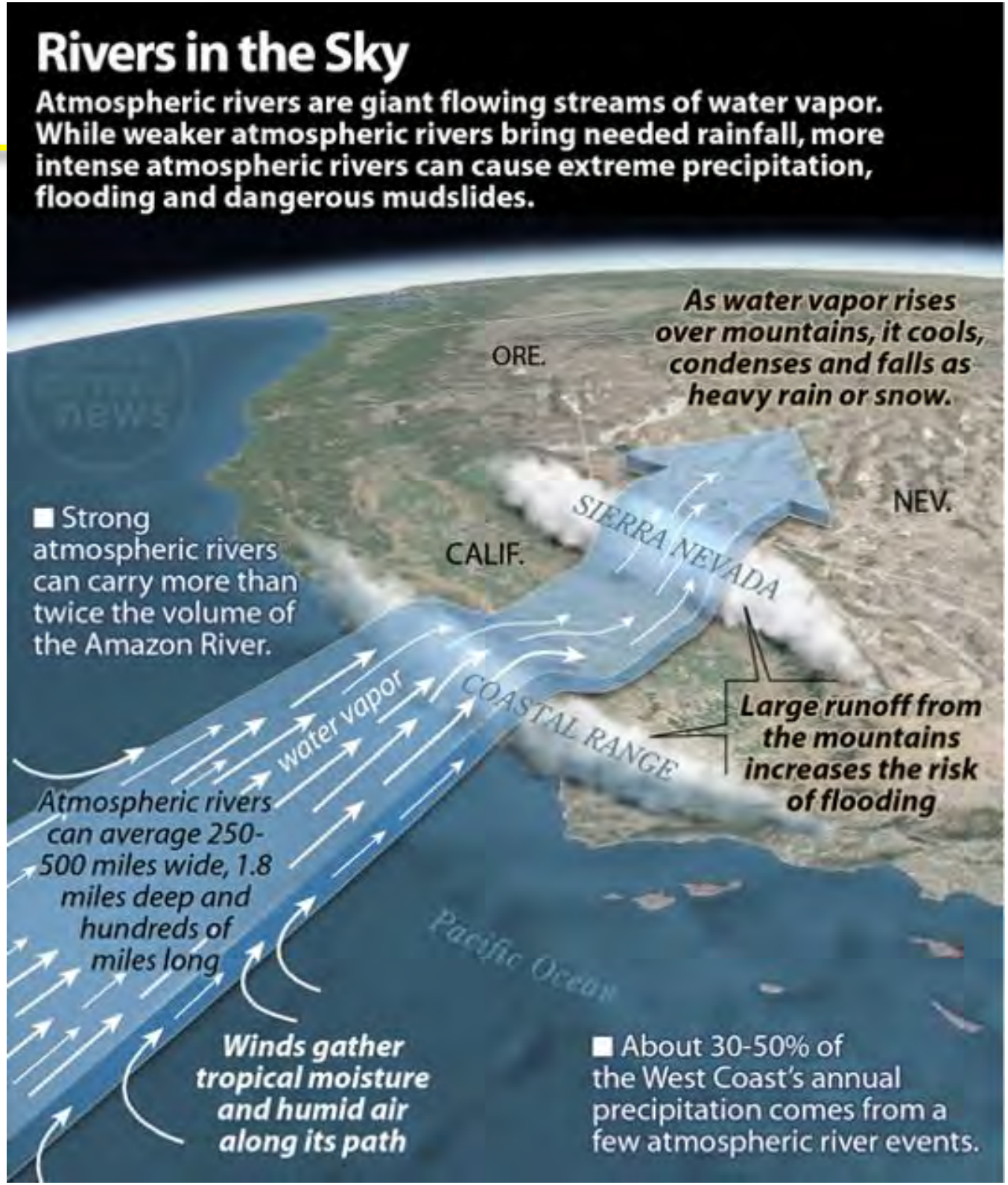


Pressure Gradients also drive Atmospheric Rivers

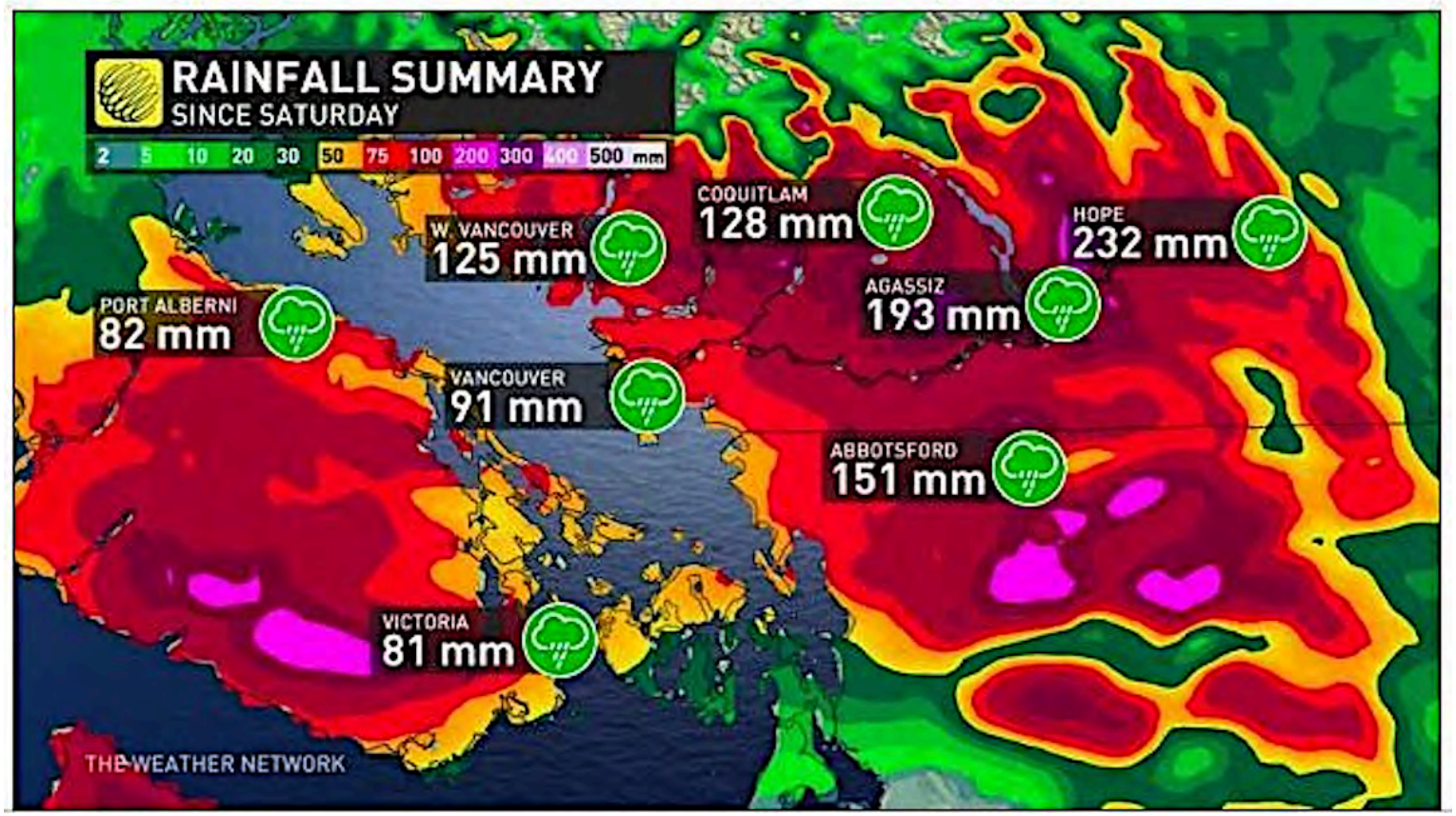
When the air hits mountain ranges and is forced to rise,

the air cools at the adiabatic lapse rate (10°C/km),

causing water vapour to condense, and rain to form.



Pressure Gradients also drive Atmospheric Rivers



In Nov 2021, an Atmospheric River brought very heavy rains that caused flooding in southern BC.

Pressure Gradients also drive Atmospheric Rivers