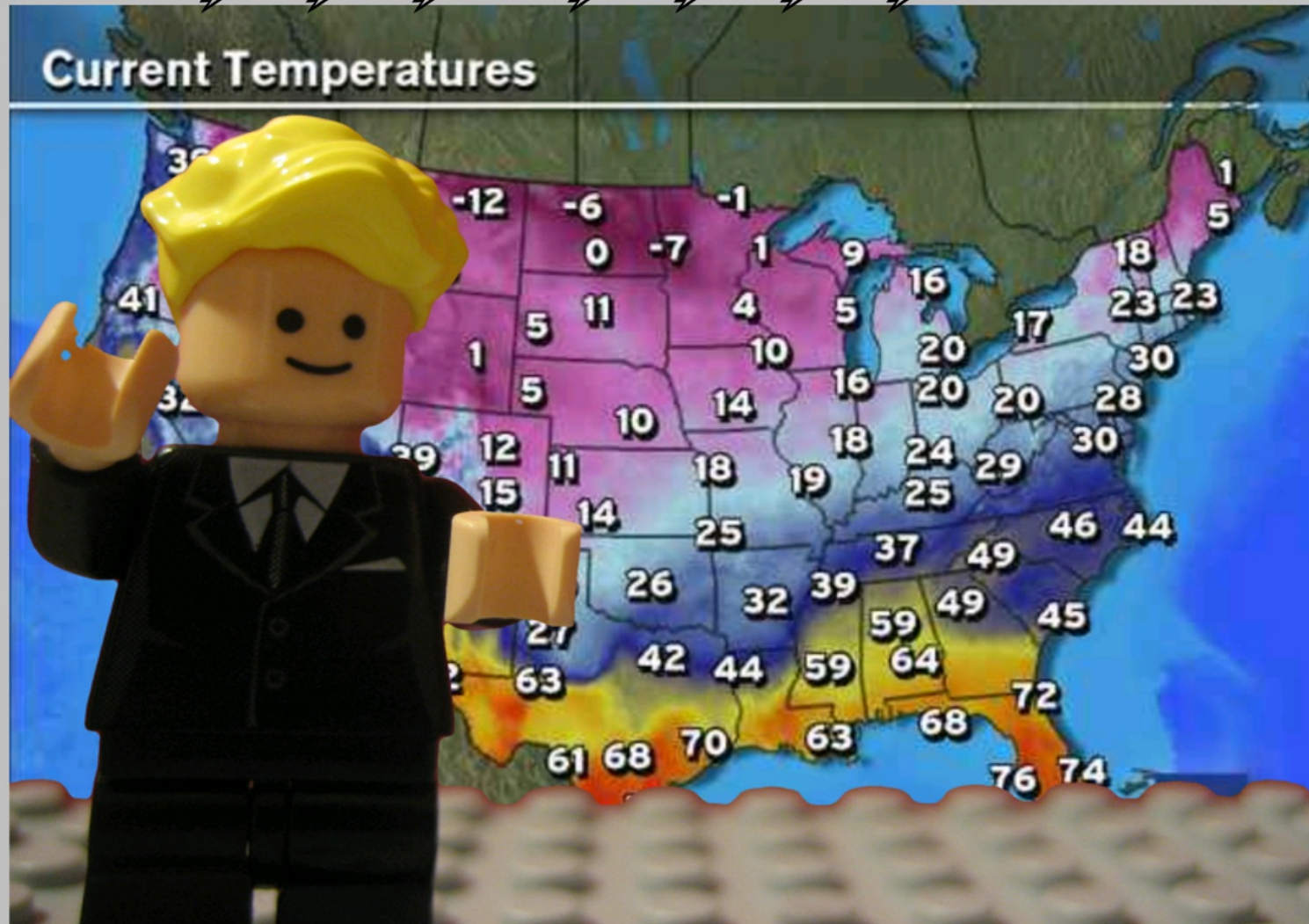


WEATHER IN THE NEWS



How does a weather forecaster predict the weather?

Anemometer: wind speed*

Barometer: air pressure*

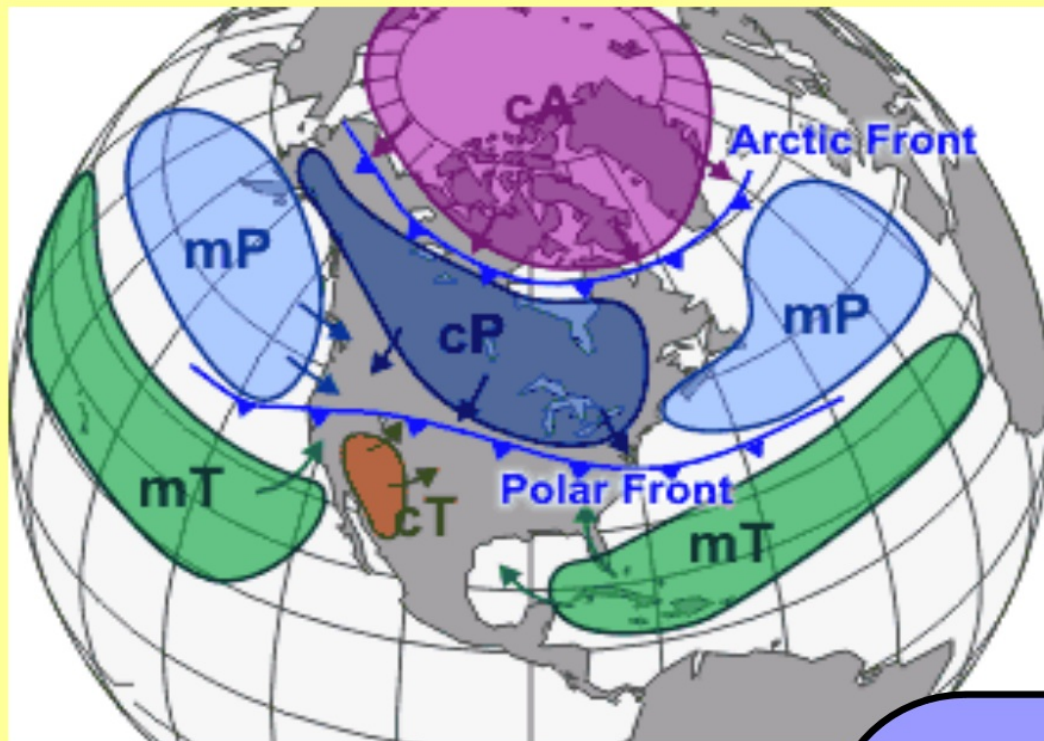
Thermometer: temperature*

Wind direction*

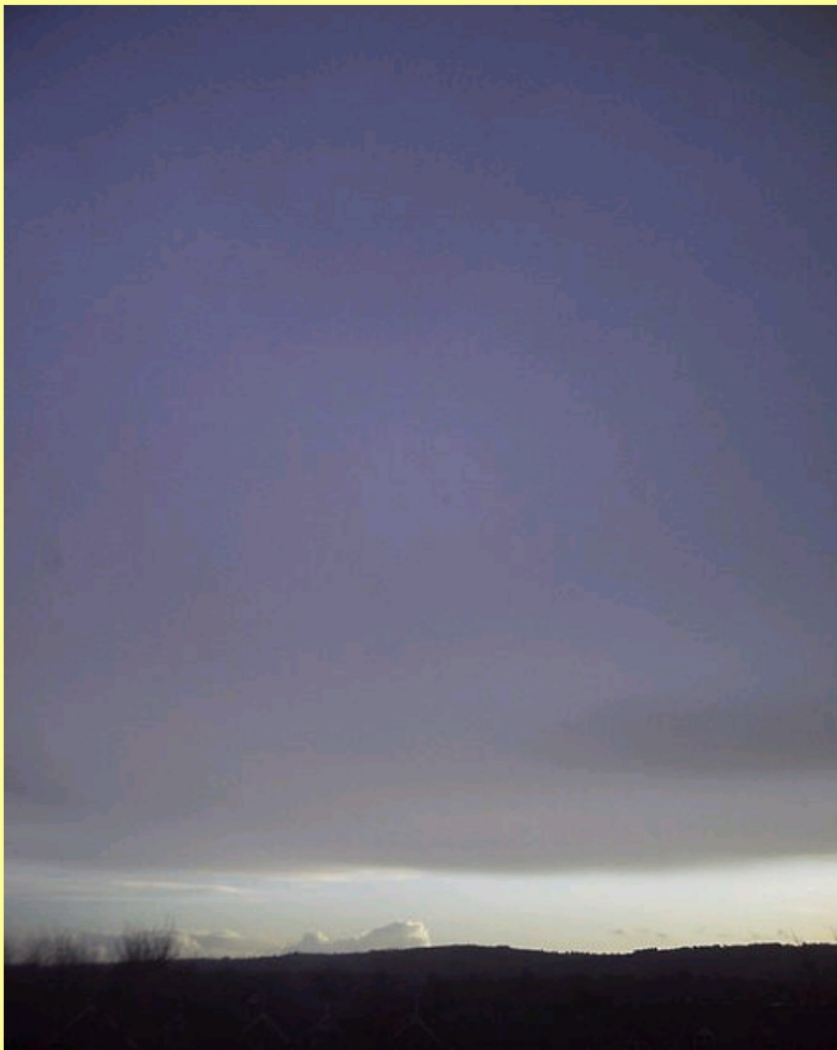
Nature: clouds

Satellites/
Weather
station

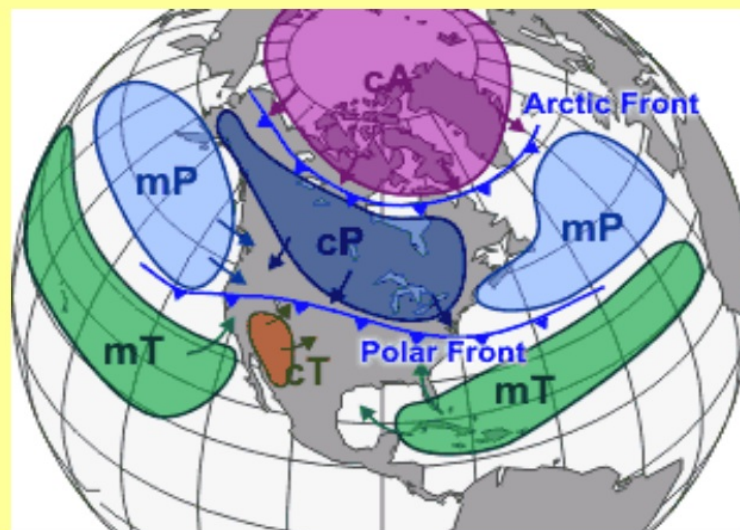
Air Mass (Not Ayer, Mass.)



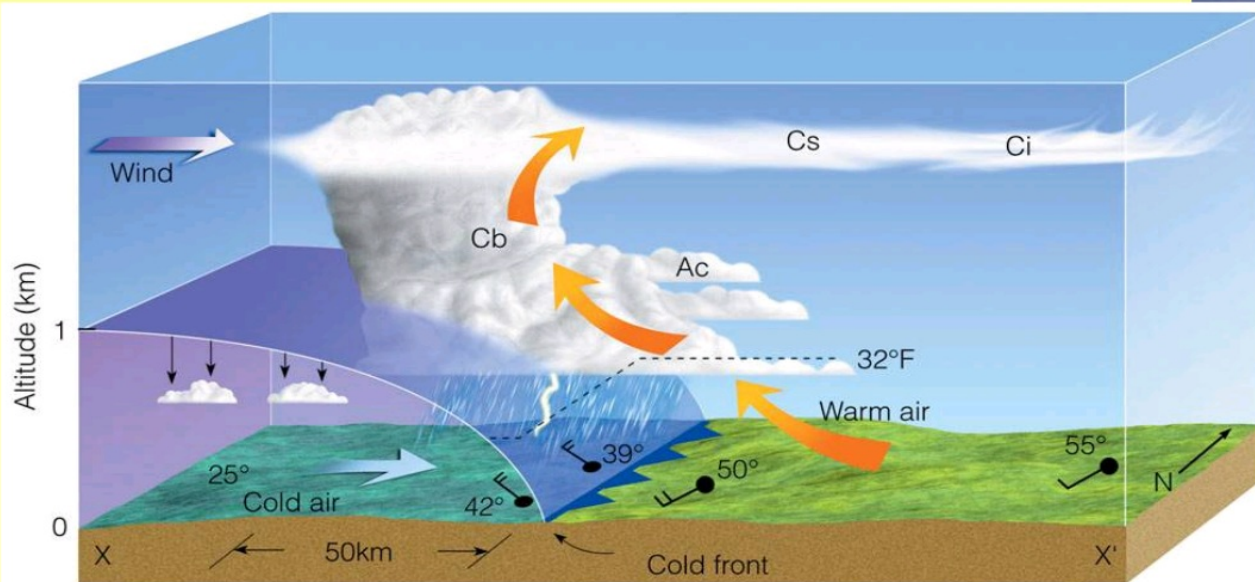
A body of air that has the same general temperature and pressure throughout.



Front: A place where two different types of air masses meet.



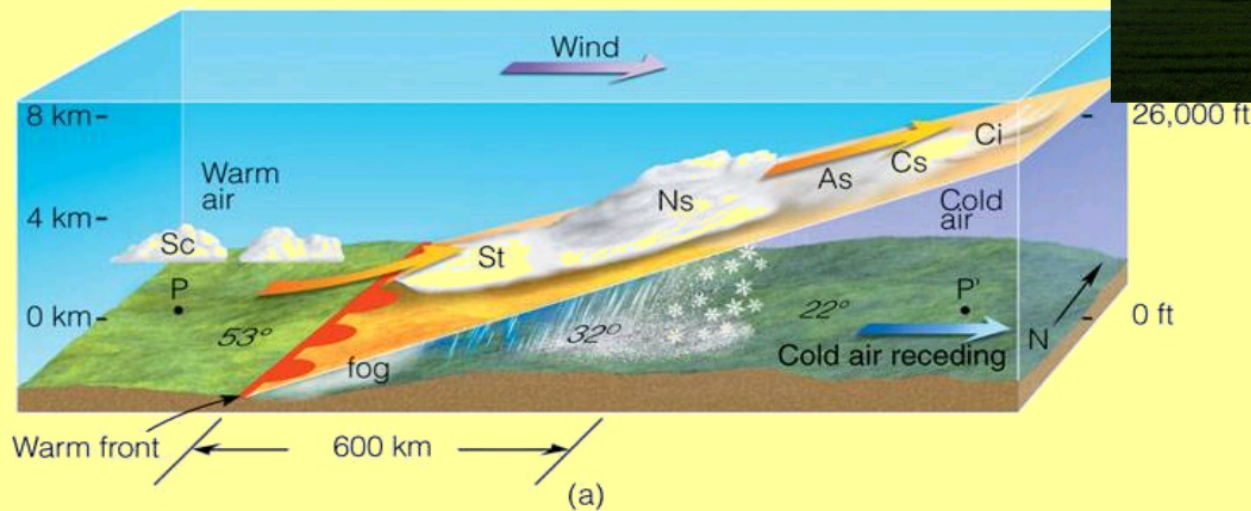
Cold Front: Forms when a **COLD** air mass moves into a **WARM** air mass.



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When a cold air mass meets a warm air mass, the cooler air pushes under the warm air. This forces the warm air mass to rise. Clouds form in the warm air as it is forced upward. They often produce thunderstorms.

Warm Front: Forms when a **WARM** air mass moves into a **COLD** air mass.



When a warm air mass moves into a cold air mass, the warmer air rides up over the cooler air. Clouds form as the air rises and cools. They often bring light rain.

