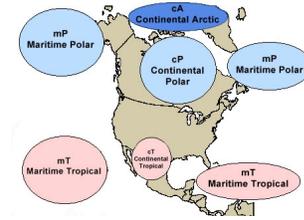


air mass



A body of air that has about the same temperature and moisture throughout

Air Mass Movement

Daily weather forecasts are primarily based on

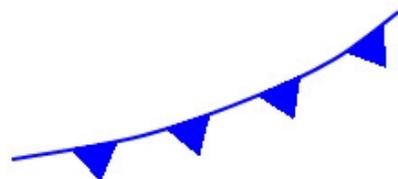
Air Pressure increases, and temperature decreases

When a cold front approaches & covers an area the weather will change by

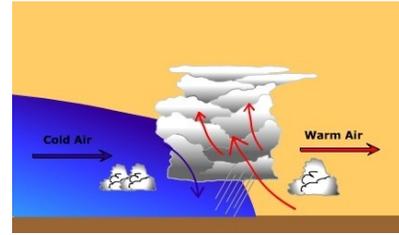
Cloudy & Rainy

Weather that is associated with a Low Pressure

Cold Front



cold front

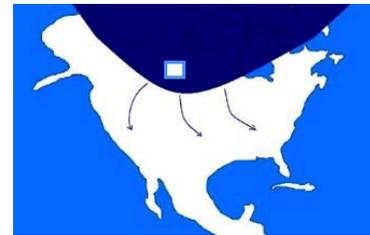


When a rapidly moving cold air mass overtakes a slow-moving warm air mass

continental

forms over land; dry

continental polar



Cold dry air. forms usually over northern Canada and Alaska

continental tropical



Describing a warm, dry air mass that forms over land in tropical regions.

Cool and dry

Describes a High Pressure

Describes a Cold Pressure symbol

Blue Triangles on a blue line

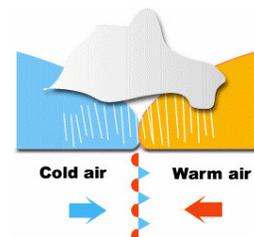
Describes a Warm Pressure

Red Half Circles on a Red Line

Direction of fronts are indicated by

the Direction the symbols point

front



The boundary where two air masses meet

High Pressure moves

Clockwise and brings Fair sunny weather

Low Pressure moves

Counter Clockwise and brings Rain with possible thunderstorms

maritime polar



Cold and wet air mass forms over icy cold North Pacific and Atlantic oceans

maritime tropical



Describing a warm, wet air mass that is formed over the ocean in tropical areas.

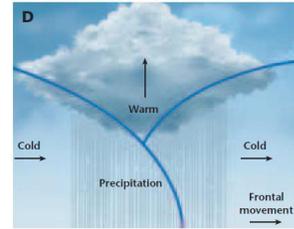
maritime

forms over the ocean; wet

Occluded Front



occluded front



A front where a warm air mass is caught between two colder air masses

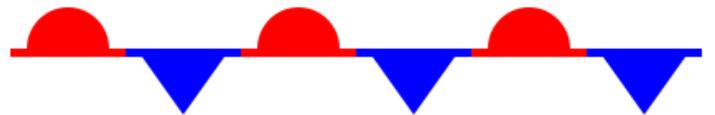
polar

forms near the poles; cold

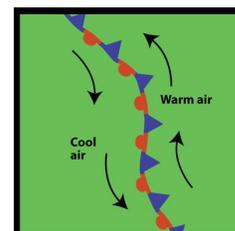
Rainy & Cloudy

Results from a low pressure system

Stationary Front



stationary front



When a warm air mass and a cold air mass meet and neither can move the other

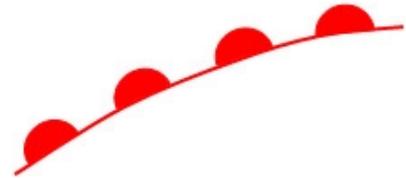
Temperature will drop and clouds with heavy rainfall occurs

When a cold front moves to a warm front

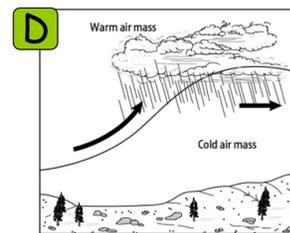
tropical

forms near the equator;
hot

Warm Front



warm front



When a warm air mass overtakes a cold air mass

When a warm air mass collides and rides over a cold air mass

Results in periods of precipitation & Warmer temperatures