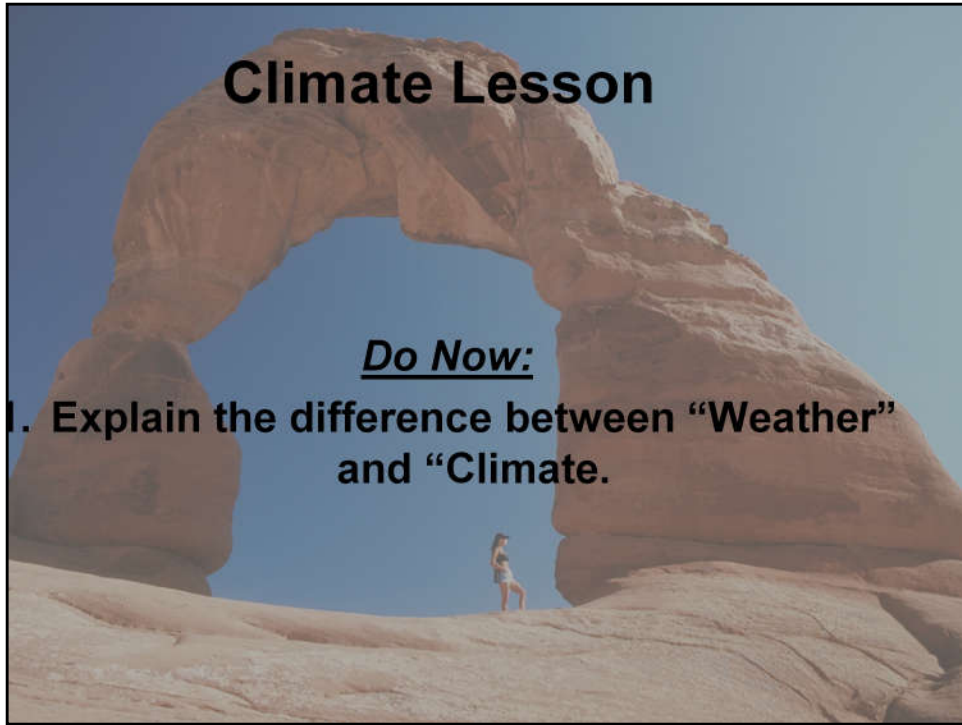


# Climate Lesson

## Do Now:

1. Explain the difference between “Weather” and “Climate.”



## Weather vs Climate?

- **Weather:** Atmospheric conditions (temperature, rainfall, etc...) at a specific point in time (weather can change at any time).
- **Climate:** Atmospheric conditions (temperature, rainfall, etc...) of a region over a long period of time (over the period of a year or longer).

# Houston

• Weather

- Climate

**Today**

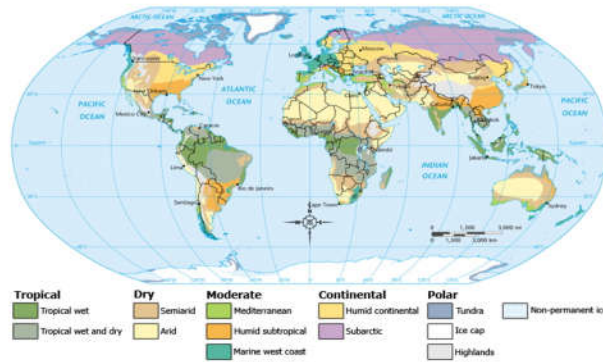
**Tournament Forecasts**

 High  
Isolated T- Storms **91° F**

Precip: 30%

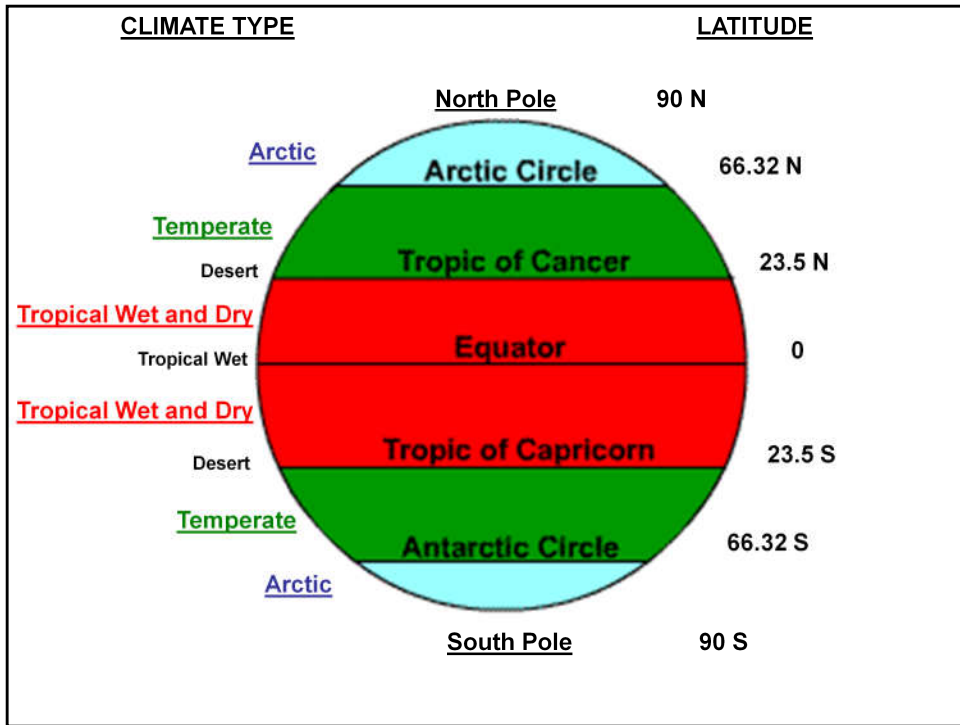
Some clouds and possibly an isolated thunderstorm this afternoon. High 91F. Winds ESE at 5 to 10 mph. Chance of rain 30%.

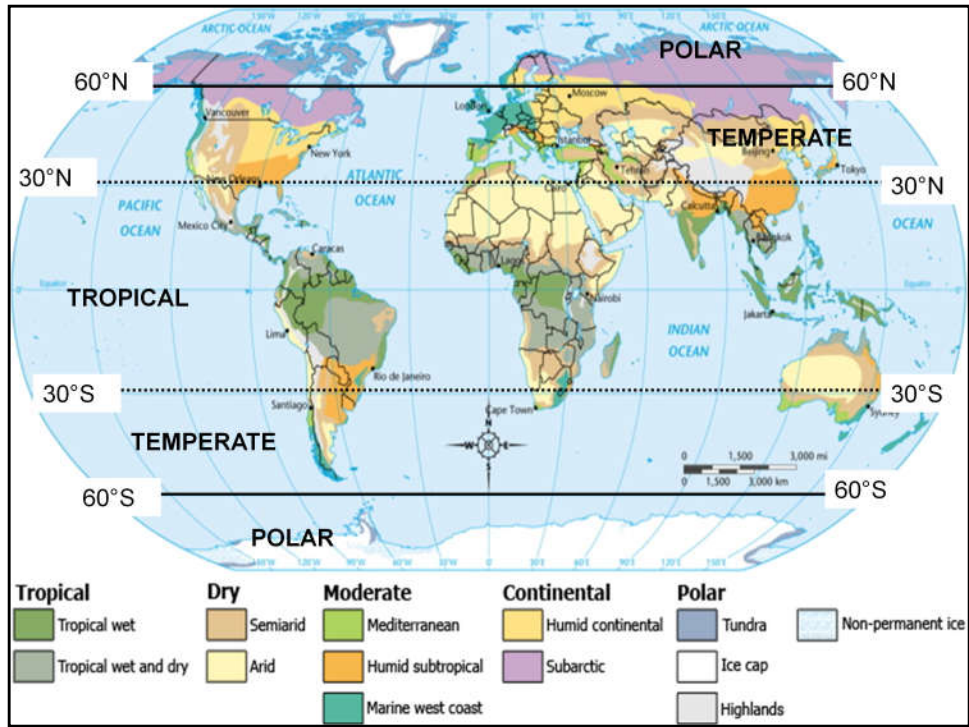
Sunrise: 7:04 AM

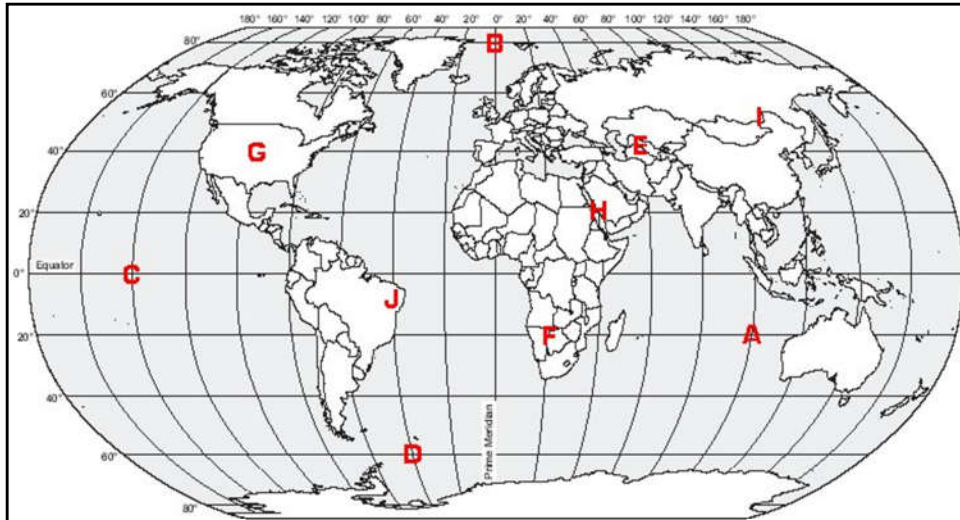


## Zones of Latitude

- A region's latitude (distance from the equator) has a direct impact on its climate (closer to the equator = warmer / further from the equator = colder)... ***usually!***







1. Which cities will have a temperate climate?

2. Which cities are warm year-round? What is this zone of latitude called?

3. Which cities are in the polar zone?

# Topography - Elevation

- Elevation = height above sea level
- The higher the elevation of a region the cooler the temperature becomes... further impacting climate!

