

# **Atmospheric Pressure and Winds**

**By**

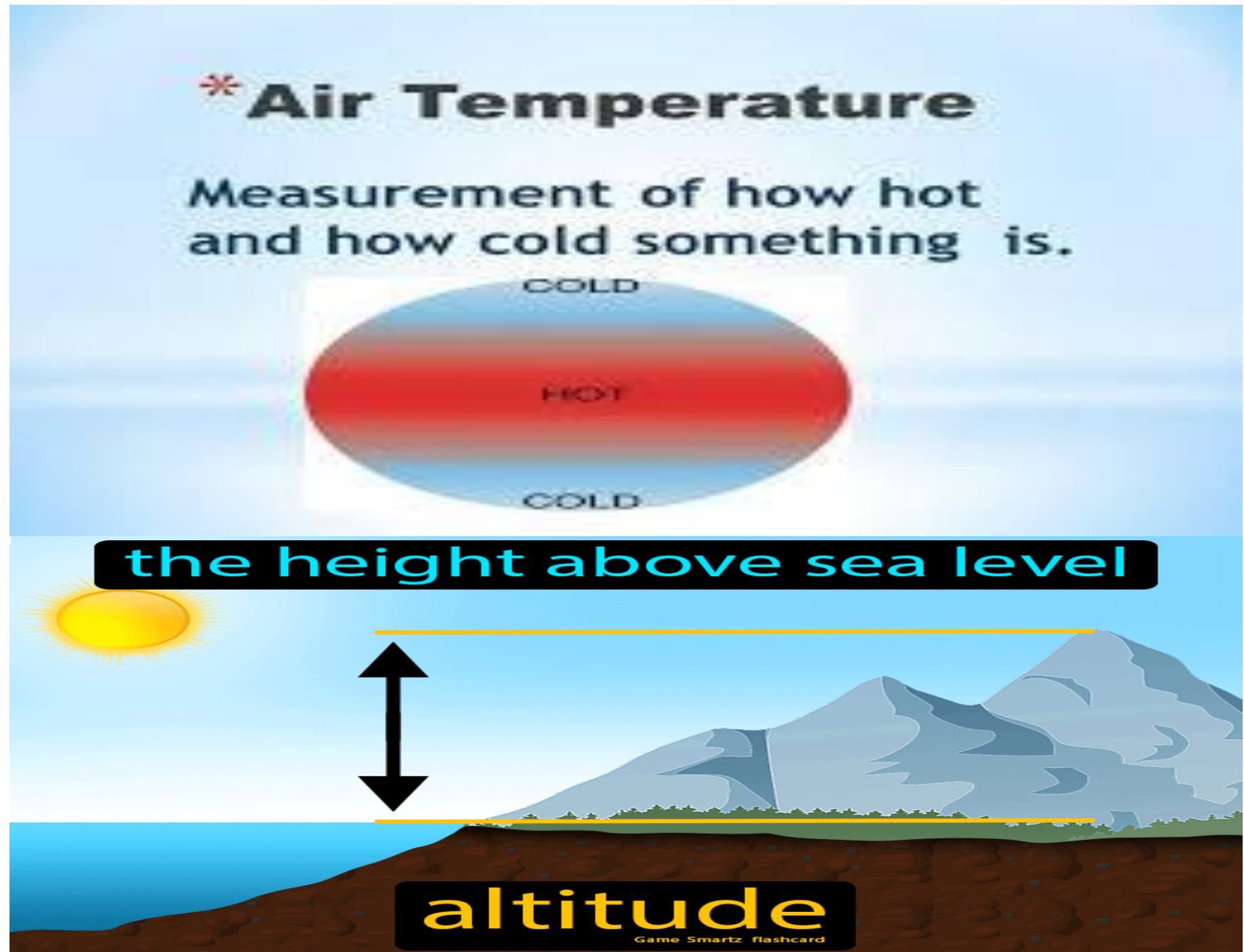
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Introduction

Factors affecting on  
Air pressure

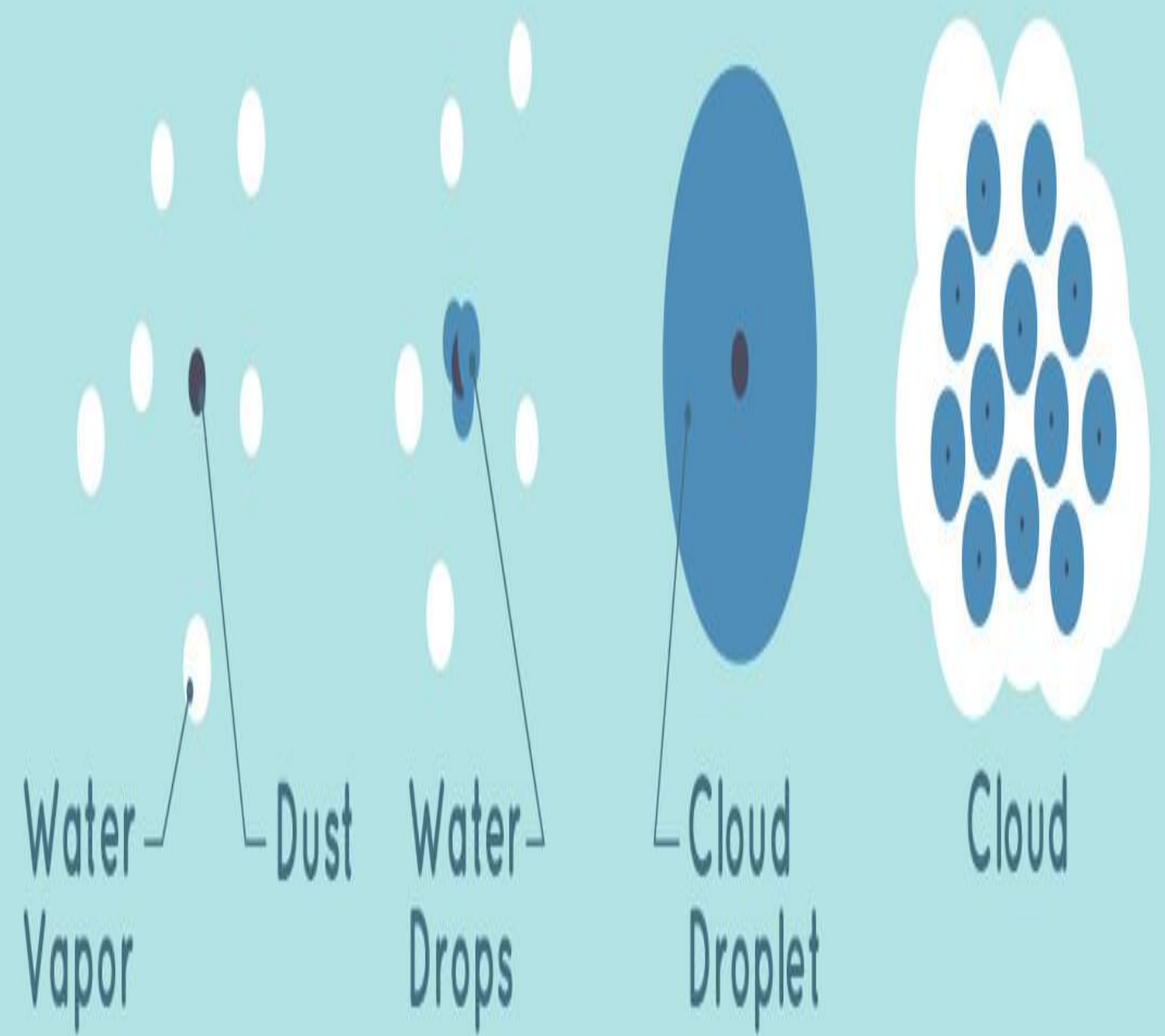
1. Temperature

2. Height from MSL



### 3. Air droplets

### 4. Earth Rotation



Water Vapor

Dust

Water Drops

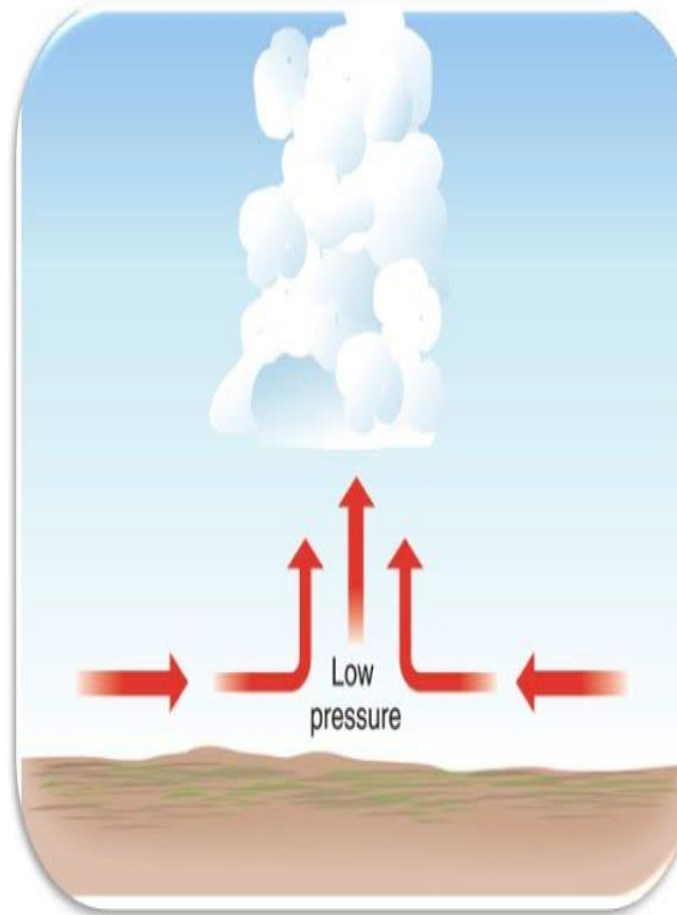
Cloud Droplet

Cloud

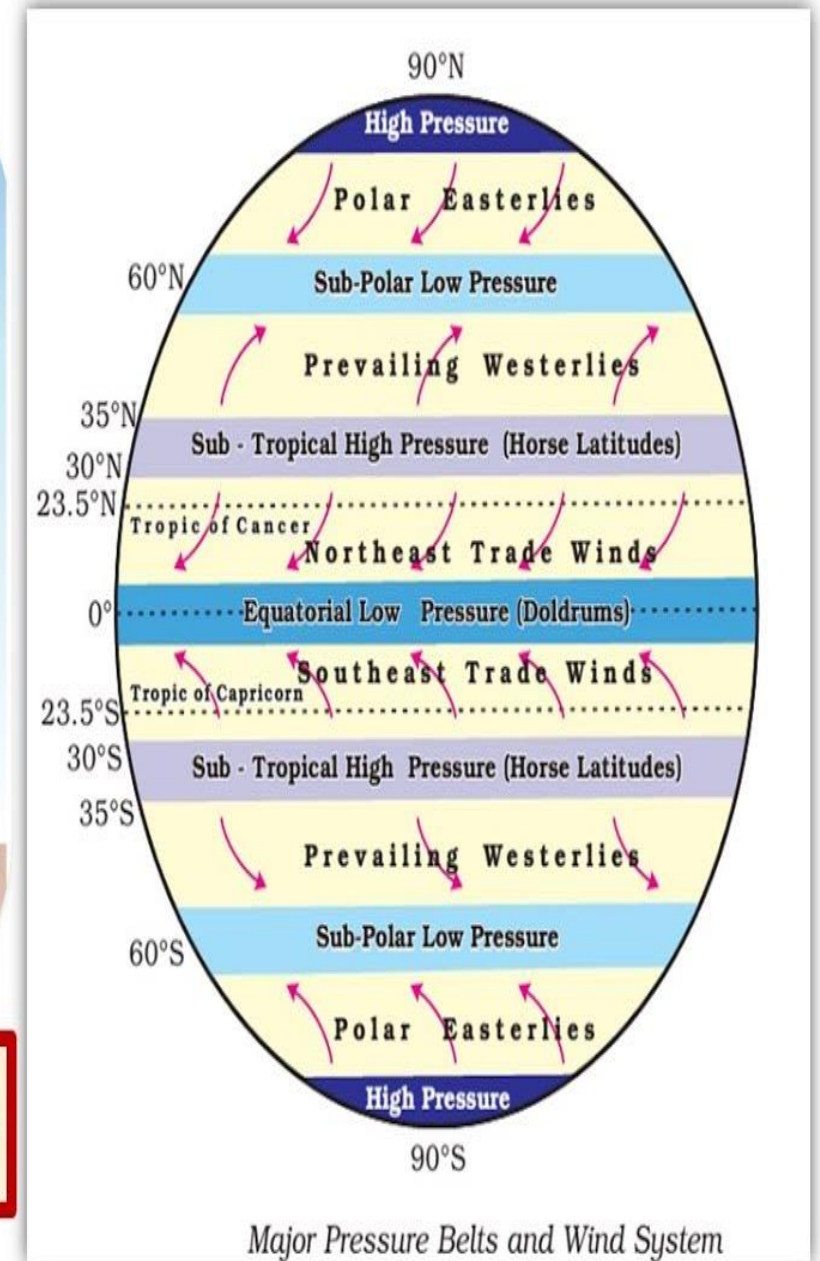
## Sub-Tropical High Pressure Belt or Horse Latitudes

# Distribution of Air Pressure

## 1. Vertical Distribution of Air Pressure



## 1. Horizontal Distribution of Air Pressure



Major hot deserts in northern hemisphere are located between 20-30 degree north and on the western side of the continents. Why?

Major Pressure Belts and Wind System

Thank You