

**SESSION :2**

**CLASS : 4**

**SUBJECT : SOCIAL SCIENCE**

**CHAPTER NUMBER: 8**

**CHAPTER NAME :THE CLIMATE OF OUR COUNTRY**

**SUBTOPIC : THE CLIMATE OF A PLACE**

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**CHANGING YOUR TOMORROW**

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## Let's Warm up

- How is the weather today?
- Is it pleasant or uncomfortable?
- Have you observed the weather report on the T.V?
- What do they explain?

- When you say 'it is cold today', or it is a rainy day', you are talking about the weather.
- Weather refers to how hot, cold, rainy, windy, or cloudy it is, in a particular place at a particular time.



But when you say, 'it is very cold in the Himadri', or 'the coastal plains are warm and humid'. you are talking about the climate.



**DID YOU KNOW**

The scientists who study and predict the weather are called meteorologists

**How was the weather in Bhubaneswar? Usually the climate is hot there but today it rained and the weather is pleasant.**

**Is there any difference between weather and climate? Let us find out.**

**WEATHER**

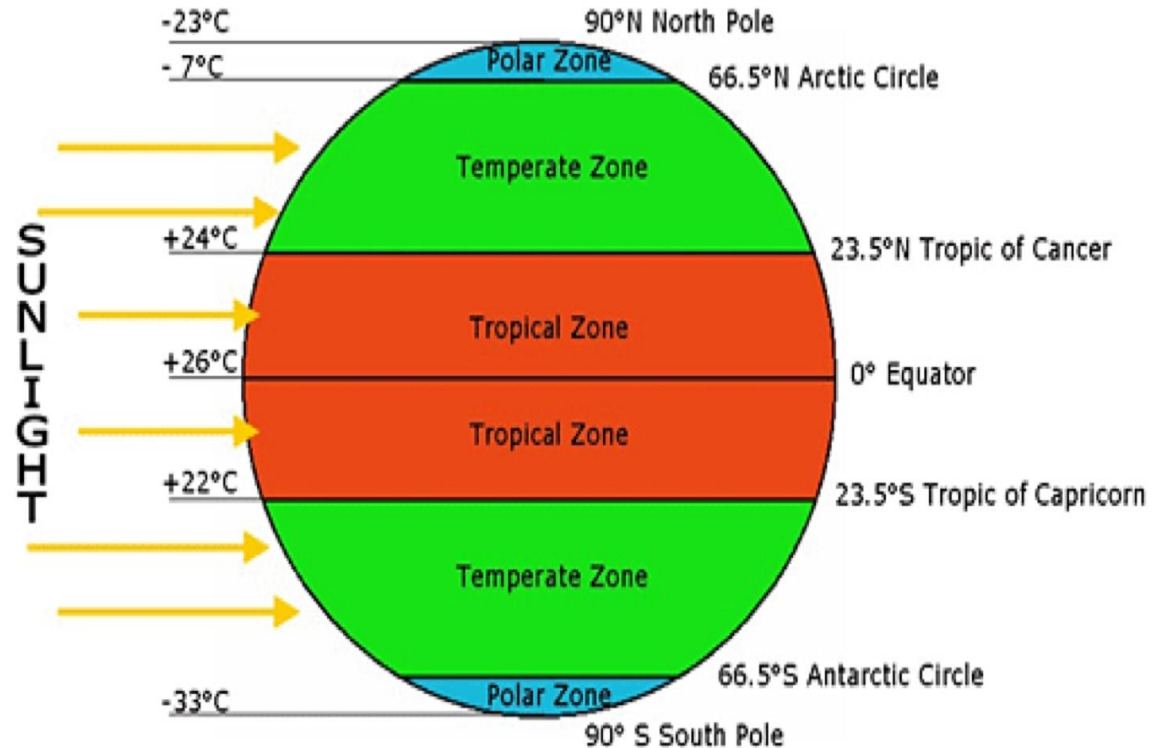
**Weather is the condition of the atmosphere at a particular place and time.**

**CLIMATE**

**Climate, on the other hand, is the average weather condition of a place over a long period of time.**

## The Climate of a Place

- The climate of a place mainly depends on the following:
- How far away it is from the Equator:
- The farther away a place is from the Equator,
- The colder it is expected to be.
- The northern part of India is cooler than South India.

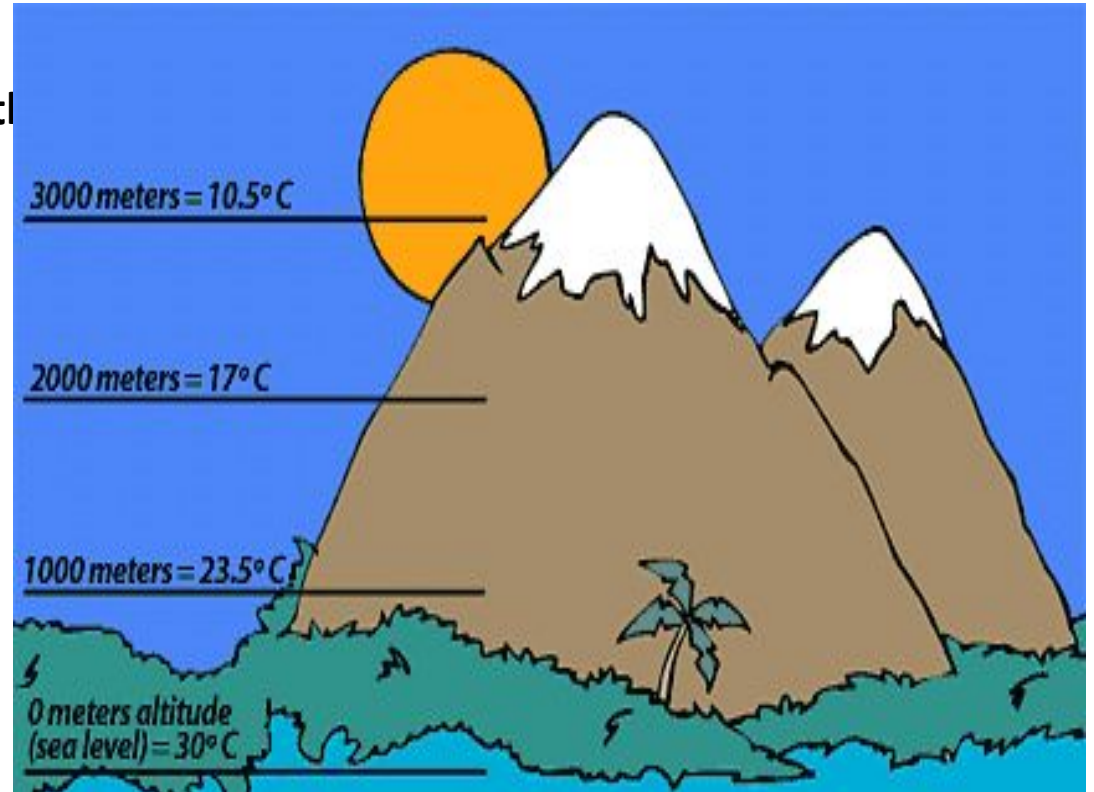


## How high it is:

The higher a place, colder it is.

For example, the higher you go in the

Himalayas, the cooler it becomes.



## How far it is from the sea:

- The winds from the sea affect the climate of the place.
- The Coastal Plains are neither too hot nor too cold because of the breeze from the sea.
- The plant and animal life found in a place, the food that people eat, and what they wear depend on the climate of the place.





## Summary

- **Climate refers to the weather conditions of a large area taken over a long period of time.**
- **The climate of a place mainly depends on the place.**
- **The farther away a place is from the Equator, the colder it is expected to be.**

## **New words**

- 1. Weather**
- 2. Climate**
- 3. Equator**
- 4. Humid**
- 5. Breeze**
- 6. Mawsynram**
- 7. Moisture**
- 8. Coromandel Coast**

## 1. What is the difference between weather and climate?

Ans.

weather	climate
<b>Weather refers to how hot, cold, rainy, windy, or cloudy it is, in a particular place at a particular time.</b>	<b>Climate refers to the weather conditions of large area taken over a long period of time.</b>

## **2. What are the three main factors on which the climate of a place depends?**

**Ans. The three main factors on which the climate of a place depends are:**

- a. How far away it is from the Equator.**
- b. The higher a place, the colder it is.**
- c. The winds from the sea affect the climate of the place.**

## **HOMework**

**Distribute the months according to the seasons in the notebook.**

## **LEARNING OUTCOME**

**The learners will able to**

- **Understand the influence of the weather and climate of the country.**

**THANKING YOU**  
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