

Study of Weather

Chapter 5: Study of Weather · Topic 1

Key Concept

Weather refers to the day-to-day conditions of the atmosphere, including temperature, precipitation, humidity, and wind.

Meteorologists study weather patterns using tools and data to make forecasts, helping people plan activities and prepare for severe weather.

Weather differs from climate - weather is short-term daily conditions, while climate is the average weather pattern over a long period.

Understanding weather helps in agriculture, travel planning, and disaster preparedness for events like storms or heatwaves.

Quick Revision Notes

- Weather is day-to-day atmospheric conditions.
- It includes temperature, precipitation, humidity, wind.
- Meteorologists study and forecast weather.
- Weather differs from climate.
- Weather is short-term; climate is long-term average.
- Understanding weather helps agriculture.
- It helps travel planning.
- It helps disaster preparedness.

Practice Questions

- 1 Record today's weather conditions.
- 2 Discuss the difference between weather and climate.
- 3 Research what a meteorologist does.
- 4 Explain how weather forecasts help farmers.
- 5 Discuss how weather affects travel plans.
- 6 Create a simple weather report for today.