



SUMMARY:

The day-to-day condition of the atmosphere at a place with respect to the temperature, humidity, rainfall, wind-speed, etc., is called the weather at that place.

-The weather is generally not the same on any two days and week after week.

-The maximum temperature of the day occurs generally in the afternoon while the minimum temperature occurs in the early morning.

-The times of sunrise and sunset also change during the year.

-All the changes in the weather are driven by the sun. The average weather pattern taken over a long time, say 25 years, is called the climate of the place.

-The tropical and the polar regions are the two regions of the earth, which have severe climatic conditions. Animals are adapted to the conditions in which they live.

-The polar regions are very cold throughout the year. The sun does not set for six months in a year and in the other six months it does not rise.

- Animals in the polar region are adapted to the extremely cold climate by having some special characteristics such as white fur, strong sense of smell, a layer of fat under the skin, wide and large paws for swimming and walking, etc.

-Migration is another means to escape the harsh, cold conditions. n Because of the hospitable climatic conditions huge populations of plants and animals are found in the tropical rainforests.

-Animals in the tropical rainforests are adapted such that they eat different kinds of food to overcome the competition for food and shelter.

-Some adaptations of animals living in the tropical rainforests include living on the trees, development of strong tails, long and large beaks, bright colours, sharp patterns, loud voice, diet of fruits, sensitive hearing, sharp eyesight, thick skin, ability to camouflage in order to protect themselves from predators, etc