

Chapter – 4 (Geography)

Class-- 7

AIR

Weather: It is the hour to hour, day to day conditions of the atmosphere. It changes dramatically from day to day. Even metaphorically it is said 'as changeable as the weather'. Weather may be: Hot, Humid, Pleasant or Breezy. The first two weather conditions might make us irritable and make it impossible to go for an outing with friends. The third and fourth weather conditions are welcome and acceptable by all. We get to hear the weather report across the world on News channels. Weather forecast is also important for us to plan our day. It is especially important for fishermen who are warned not to venture into the sea due to high tide forecast, for cricket fans and players speculating the outcome of a One Day match etc.

Climate

The average weather condition of a place for a longer period of time is called the climate of the place. Weather pattern of more than 20 years is considered for defining the climate of a place. Meteorology: It is the study of the atmosphere. An operational forecaster analyzes weather conditions and issues forecasts or alerts the public of severe weather for their area. The following are the aspects to be studied while studying the concept of weather and climate:

- . Temperature
- . Air Pressure
- . Wind
- . Moisture

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