

## Chapter-11

### Weather and Climate

#### Lecture Sheet-01; Class date -12/07/2020

#### Weather:

Weather is the temporary state of sky and the atmosphere at a certain place. Weather is different in different places and at different time of day.

#### Climate:

Climate is the change of usual weather pattern in a certain area. It can also be described as the average weather condition of a certain area for a long period of time.

#### Differences between weather and climate

Weather	Climate
1. Weather is the condition of a particular area for short period.	1. Climate is the average result of many years weather of an area.
2. It may change within a short period of time.	2. It does not change suddenly takes many years
3. Weather of nearby places may vary.	3. Climates of certain region are same.
4. Example- There was rain in Faridpur but no rain in Barishal.	4. Example- Climates of Bangladesh, Thailand and west Bangal of India are similar

#### Relation between weather and climate:

Weather and climate are not same; through there is a close relation between them.

Weather is the condition of sky and atmosphere of a place for a short time. Climate is the general condition of weather of a place for many years.

Climatologically, the rainy season of Bangladesh starts in the middle of June and ends in august. The onset date of monsoon rain changes every year. However, we do know the probable time when the rainy season starts from our experience about climate.

Climatologically: Climatology is the scientific study of climate.

## *Exercise Sheet*

1. What is the definition of weather and climate?
2. Write four differences between weather and climate.
3. What are the relationships between weather and climate?