The climate of a place is affected by global and local influences. You can find out more about these in the section ‘What is climate?’

It’s easy to mix up climate and weather. Here’s a simple way to think about it: climate is what we expect at any given time of year (e.g. cold winters) and weather is what we get (e.g. rain).

Climate is the long term average of daily weather conditions allowing for seasonal variations and viewed on a regional scale. The climate of a place is often illustrated by using climate graphs showing temperature as a line graph and precipitation as columns throughout the year or by maps of summer and winter norms.

Below are climate graphs for places in Indonesia. The map shows their approximate location.

GRAPHIC 6.1
MODULE 6: MY CLIMATE - WHAT IS INDONESIA’S CLIMATE LIKE? | STUDENT ACTIVITY 1, 2 & 3

GRAPHIC 6.2

Climate graph for Ambon

Temperature in degrees Celsius

Climate graph for Biak

Temperature in degrees Celsius

Climate graph for Denpasar

Temperature in degrees Celsius
MODULE 6: MY CLIMATE - WHAT IS INDONESIA’S CLIMATE LIKE? | STUDENT ACTIVITY 1, 2 & 3

Climate graph for Jakarta

Climate graph for Manado
MODULE 6: MY CLIMATE - WHAT IS INDONESIA’S CLIMATE LIKE? | STUDENT ACTIVITY 1, 2 & 3

Climate graph for Medan

Precipitation in mm

Temperature in degrees Celsius

Climate graph for Pontianak

Precipitation in mm

Temperature in degrees Celsius

0   50   100   150   200   250   300   350   400   450
Months

J  F  M  A  M  J  J  A  S  O  N  D

34
33.5
33
32.5
32
31.5
31
30.5
30
29.5

31
33
33.5
34

0   50   100   150   200   250   300   350   400   450
Months

J  F  M  A  M  J  J  A  S  O  N  D
Module 6: My Climate - What is Indonesia’s Climate Like?

Student Activity 1, 2 & 3

Climate graph for Surabaya

Climate graph for Ujung Pandang

Temperature in degrees Celsius

Precipitation in mm
ACTIVITY ONE
For each of the graphs:
1. What is the maximum and minimum temperature for the year?
2. What is the temperature range (the difference between the warmest and the coldest month)?
3. What is the total rainfall?
4. Which is the wettest month?
5. Which is the driest month?
6. Which months have the most rainfall? What season is this?

ACTIVITY TWO
1. Look at a topographical Atlas map of Indonesia. Which of the factors affecting climate are responsible for the climate at each of the locations?
2. What global climatic influences affect Indonesia’s climate?
3. Are they the same all the year round

ACTIVITY THREE
Write a paragraph describing Indonesia’s climate summarising the points you have noted above.

PERSONAL ACTIVITY
Which of the climate graphs is most like the place where you live?