

S2-C: Weather and Climate

Name: _____

Read this to answer the questions

What is Weather?

Weather is “right now.” It is the things that happen each day in our atmosphere. Weather can change quickly. If it’s sunny in the morning and stormy in the afternoon, that is a change in weather.



What is Climate?

Climate is “all the time.” It describes the average weather over a long time – usually 30 years or more. Climate tells you what to expect in the long run. For example, Moree usually gets about 580mm of rain every year, even if it only rains 300mm in a drought year or 800mm in a flood year.

Questions

1. Read the following statements and label them as either Weather or Climate:
“It is 22°C and sunny outside right now.”

“Northern Canada has very cold, snowy winters every year.”

“I should bring an umbrella because the forecast says it might rain at 3:00 PM.”

“The average rainfall in the rainforest is over 2,000 mm per year.”

2. A scientist is looking at a spreadsheet of daily temperatures in London from the year 1920 to 1950. Do you think that the scientist is studying weather or climate?

What is the reason for your answer?

3. Uluru is in the desert. When it rains on Uluru, does that mean the climate has changed?

What is the reason for your answer?
