

Unit 3: Weather Watch

Name: _____

Date: _____

Assignment 3-2 Climate

What is climate and how does it change over time?

Instructions

1. Describe the climate in your location. Include the following terms that may affect climate:

- location (latitude/longitude)
- proximity to water or mountains
- jet stream
- elevation

Description of Climate Rubric

Criteria	Excellent 5	Proficient 4	Satisfactory 3	Limited 2
Content /5	<ul style="list-style-type: none">• I developed <i>insightful</i> and <i>detailed</i> explanations of climate.• I used <i>precise</i> details.	<ul style="list-style-type: none">• I developed <i>thoughtful</i> and <i>reasonable</i> explanations of climate.• I used <i>logical</i> details.	<ul style="list-style-type: none">• I developed <i>appropriate</i> and <i>basic</i> explanations of climate.• I used <i>general</i> details.	<ul style="list-style-type: none">• I <i>underdeveloped</i> <i>superficial</i> and <i>limited</i> explanations of climate.• I used <i>vague</i> details.
Insufficient	Your attempt to respond is <i>insufficient</i> . Contact your teacher to discuss suggestions for improvement.			
Total: /5				
Assessment	Areas of Strength:			
	Target for Improvement:			

Description of Climate (/5 marks)

2. Provide a mind map that describes **10 ways** weather conditions may affect the activities of humans and animals in your area.

- Include how knowledge of the weather would help people in their jobs (for example: construction workers, trappers, fishermen, hunters, engineers etc.) (/10 marks)

Climate Mind Map

3. Identify and explain how **three** possible environmental events or human actions could affect climate (volcanic eruptions, forest fires, deforestation, pollution, pests, ozone depletion, greenhouse effect, El Niño etc.) (/6 marks)

For information on the above you can research on the Internet.

Note: You need a clear explanation of how these three events or actions affect climate change.

Climate Change

4. Identify one human action that has been linked to the greenhouse gas effect. (/1 mark)

Overall Total: (/22 marks)



Save Your File

Name your file in this format: 3-2_(jsmith)sc5-climate and save your file to your Weather Watch folder. Submit to the appropriate Submission folder when completed.