

Weather vs. Climate Review

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Understanding Earth's Atmospheric Systems

Name: _____

Date: _____

Answer the following questions based on the lesson about weather and climate.

1. What makes weather different from climate?

2. What is weather primarily concerned with?

- A. Long-term patterns
- B. Short-term atmospheric conditions
- C. Climate zones

3. Climate can change from day to day, just like weather.

True False

4. The scripture from Job 37:16 speaks of the balancings of the ____ and God's knowledge.

5. Can you give an example of a place with a unique climate? Describe its characteristics.

6. Which of the following describes climate?

- A. The current temperature outside
- B. The average weather conditions over many years
- C. A single weather event

7. Weather and climate are completely unrelated concepts.

True False

8. Weather affects our daily lives, while climate affects our ____ over many years.

9. How do atmospheric conditions change over time? Give a brief explanation.

10. Which of these is a characteristic of short-term weather?

- A. Average temperature
- B. Daily precipitation
- C. Climate zone

Answer Key

1. Weather refers to short-term conditions like temperature and precipitation, while climate is the long-term pattern of weather in a specific area. 2. Short-term atmospheric conditions 3. False 4. clouds 5. Sahara Desert, which has a hot, dry climate with very little rainfall. 6. The average weather conditions over many years 7. False 8. environment 9. Atmospheric conditions change through various factors like seasons, temperature shifts, and changing wind patterns. 10. Daily precipitation