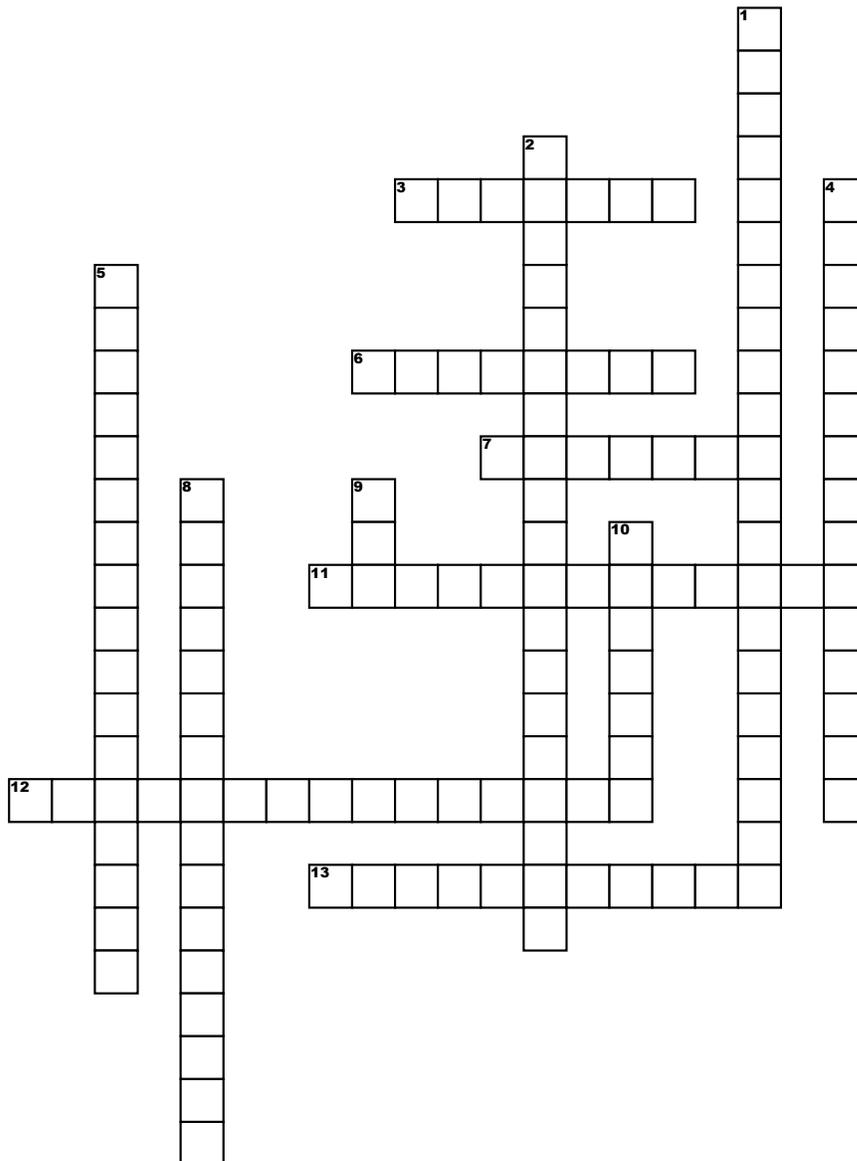


# Chapter 8 Climate and Climate Change



**Across**

- 3. A violently rotating column of air in contact with the ground surface usually visible as a spinning vortex of clouds and debris is called \_\_\_\_\_
- 6. \_\_\_\_\_ is when drilling into glaciers to analyze oxygen isotopes and air bubbles
- 7. An intense, cyclonic rotation that is very destructive is called \_\_\_\_\_.
- 11. A system of classifying the world's climates on the basis of temperature and precipitation is called \_\_\_\_\_

- 12. Rain forests, Monsoon's and Savanna's are types of what?
  - 13. Charts that show the average monthly temperature and precipitation for a weather station is called \_\_\_\_\_
- Down**
- 1. A ratio of two oxygen isotopes reveals past climate conditions is \_\_\_\_\_
  - 2. Impact of human activities on environmental and climate change is called \_\_\_\_\_
  - 4. Gases in the atmosphere that trap energy?

- 5. The study of past climates using tree rings is called \_\_\_\_\_
- 8. The study of past climates is called \_\_\_\_\_
- 9. How many letters are used in classifying air masses?
- 10. \_\_\_\_\_ is a long term condition in the atmosphere.