

[Across]

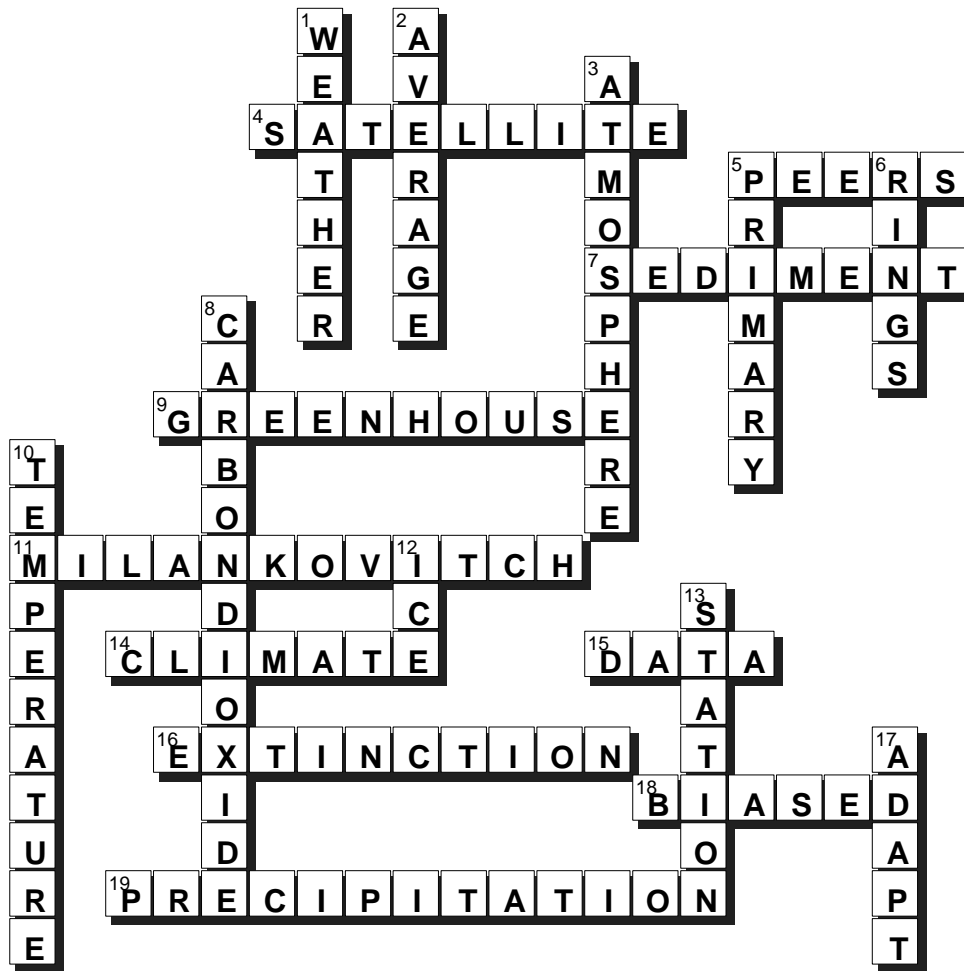
4. Equipment that orbits Earth and takes pictures
5. Scientists' work needs to be reviewed by their \_\_\_\_\_ to check for mistakes before publishing.
7. Cores of this material from lakes or oceans are used to measure past climates
9. The \_\_\_\_\_ effect explains how some gases influence temperature
11. The cycles that describe changes in Earth's orbit
14. Long-term, average weather
15. Scientists need this to test a hypothesis
16. When a species disappears forever
18. An opinion based on only a few studies is \_\_\_\_\_
19. The rain and snow that falls in an area

[Down]

1. Short-term conditions of the atmosphere
2. The sum of a series of numbers divided by how many numbers are included
3. The layer of gas that surrounds Earth
5. The type of research scientists do when they gather data to test a hypothesis
6. These tree features are used to study past climates
8. This gas prevents some of the sun's energy from escaping back to outer space (2 words)
10. The measure that tells us how hot things are
12. Cores of this are gathered from glaciers
13. A weather \_\_\_\_\_ records weather data
17. To adjust to an environment



Try our crossword puzzle based on one of our web articles. You can learn more about this topic when you read the article *Crazy Climate & Wacky Weather* at the Ask A Biologist web address below.  
<https://askabiologist.asu.edu/explore/crazy-climate-and-wacky-weather>



[Across]

- 4. SATELLITE
- 5. PEERS
- 7. SEDIMENT
- 9. GREENHOUSE
- 11. MILANKOVITCH
- 14. CLIMATE
- 15. DATA
- 16. EXTINCTION
- 18. BIASED
- 19. PRECIPITATION

SOLUTION



[Down]

- 1. WEATHER
- 2. AVERAGE
- 3. ATMOSPHERE
- 5. PRIMARY
- 6. RINGS
- 8. CARBONDIOXIDE
- 10. TEMPERATURE
- 12. ICE
- 13. STATION
- 17. ADAPT

This solution above will let you see how well you did with the puzzle. Try some of the other puzzles at the *Ask A Biologist* web site listed below.