

[Across]

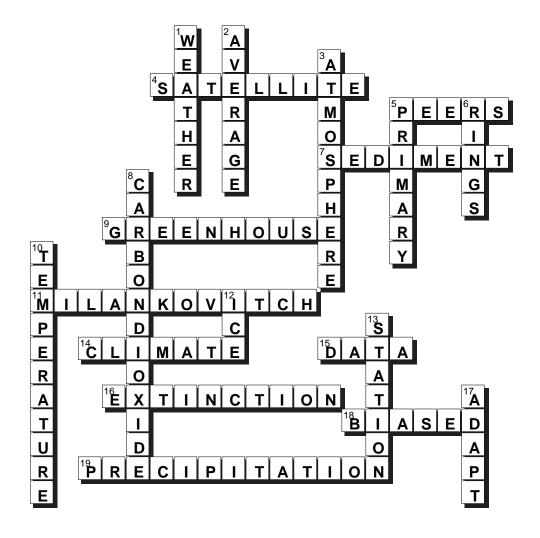
- 4. Equipment that orbits Earth and takes pictures
- 5. Scientists' work needs to be reviewed by their to check for mistakes before publishing.
- 7. Cores of this material from lakes or oceans are used to measure past climates
- 9. The _____ effect explains how some gases influence temperature
- 11. 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
- 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.